



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 31

January 25, 2010



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

January 25, 2010

CERTIFIED – RETURN RECEIPT REQUESTED

Chief,
Water Enforcement Branch (6EN-W)
Compliance Assurance and Enforcement Division
U.S. Environmental Protection Agency, Region VI
1445 Ross Avenue
Dallas, Texas 75202-2733

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Thirty First Quarterly Report - **Period Ending December 31, 2009**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 31st Consent Decree Quarterly Report covering activities for the quarter ending December 31, 2009. An Executive Summary is included in the beginning of this report that describes the progress of compliance related activities of the Program during the past quarter. In addition, this report contains a summary of compliance with and activities related to:

- Cross Connection Elimination Plan
- Collection System Preventive Maintenance Program (PMP)
- Sanitary Sewer Overflow Response Plan (SSORP)
- Reporting of Unauthorized Discharges
- Consent Decree Compliance Status

These activities are described in Sections VIII, IX, X, XI, XX and XXI of the Consent Decree.

Pursuant to Paragraph 49 and 117 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits for review and approval three copies of the 31st Consent Decree Quarterly Report to the US EPA and LDEQ and one copy to the US DOJ and City/Parish DPW.

I certify that the information contained in or accompanying this Thirty First Quarterly Report is true, accurate and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official

having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.

Sincerely,



Peter T. Newkirk
Director of Public Works

Cc: Honorable Melvin L. "Kip" Holden, Mayor-President
Mr. Mike Futrell, Chief Administrative Officer
Chief, Environmental Enforcement Section, US DOJ
Mr. Bruce Hammett, LDEQ
Ms. Peggy Hatch, LDEQ
Mr. Harold Leggett, LDEQ
Ms. Mona Bates, US EPA Region 6
Mr. Carlos Zequeira, (6RC-EA)
Ms. Gladys Gooden-Jackson, (6EN-WC)
Ms. Mary Roper
Mr. Mark LeBlanc
Mr. Bryan Harmon
Ms. Cheryl Berry
Mr. John Ward
✓ Mr. Jim Hawley, CH2MHILL

CITY-PARISH DEPARTMENTAL MEMORANDUM
WASTEWATER TREATMENT AND DISPOSAL DIVISION

2443 River Road
Baton Rouge, LA 70802

Date: January 22, 2010

To: Mr. Garcia Dialekwa, Wastewater Treatment and Disposal Division
Mr. John Ward, Wastewater Collection Division
Mr. E. J. Amato, Field Engineer Division

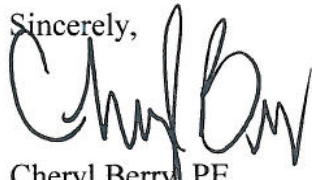
From: Mrs. Cheryl P. Berry, P.E., Wastewater Treatment and Disposal Division

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Thirty First Quarterly Report – Period Ending December 31, 2009
Data Review

Gentlemen:

Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Thirty First Quarterly Report. Once the review of your portion of data is complete and corrected, please sign below the paragraph stating that fact and return for processing.

Sincerely,



Cheryl Berry, PE
Wastewater Treatment and Disposal Division

I certify that the information contained in or accompanying the portion of the Thirty First Quarterly Report that I am responsible for is true, accurate, and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.



xc: Document Control

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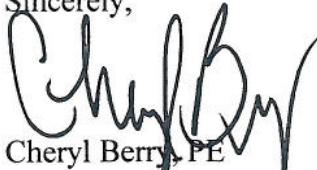
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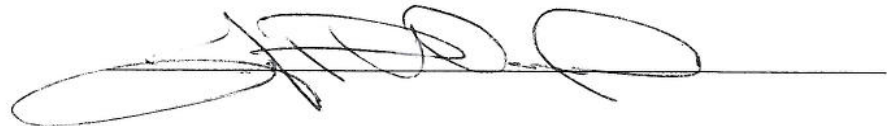
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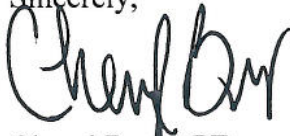
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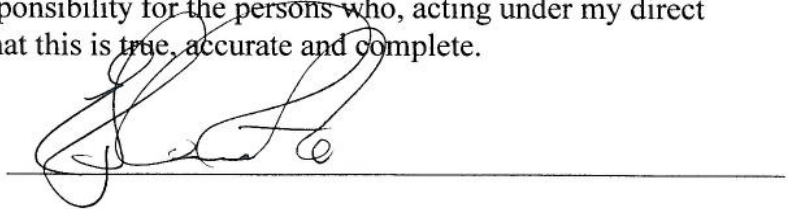
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31st Quarterly Report Executive Summary

General Overview

On March 14, 2002, the City of Baton Rouge, Louisiana and the Parish of East Baton Rouge, Louisiana (collectively “the City/Parish”) entered into a Consent Decree with the United States and the State of Louisiana. Since that time an Agreement and Order Regarding the Modification of the Consent Decree was lodged with the court in late 2008 and was approved by the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ) in April 2009. This 2009 Consent Decree Modification specifically adopts the City/Parish’s September 2008 Second Remedial Measures Action Plan (RMAP2).

The following Quarterly Progress Report is hereby submitted to fulfill the reporting requirements described in Section XVIII – Reporting, of the 2002 Consent Decree. The sections in this Executive Summary and in the rest of this Quarterly Report highlight the work associated with the 2002 Consent Decree and the 2009 Consent Decree Modification that took place during the quarter ending December 31, 2009.

Report Organization

The report organization and description of what is included in each section of the Quarterly Report is as follows:

Executive Summary – This section herein, summarizes regulatory submittals, and activities that took place during the past quarter in addition to describing those items awaiting submittal/approval. This section also summarizes the compliance with and activities related to the implementation of the First Remedial Measures Action Plan (RMAP1) and Second Remedial Measures Action Plan (RMAP2) projects, including the status of design/construction projects in comparison to the schedules that have been established pursuant to the Consent Decree for those projects; and schedule deadlines and milestones achieved during the calendar quarter, as well as those expected to be achieved during the next quarter.

Summary of Activity Totals – This table summarizes the overall City/Parish service area maintenance activities per quarter.

Preventative Maintenance Plan Summary Totals (North, Central, and South) – These tables detail the maintenance activities performed by the North, South, and Central areas.

Part A: Cross-Connection Elimination Plan – This section summarizes any cross-connections identified and eliminated during the reporting period.

Part B: Preventative Maintenance Program – This section provides a brief description of preventative maintenance activities that took place during the reporting period.

Part C: Sanitary Sewer Overflow Response Plan – This section briefly summarizes activities related to compliance/noncompliance with the Sanitary Sewer Overflow Response Plan (SSORP) requirements of the Consent Decree during the reporting period.

Part D: Reporting of Unauthorized Discharges – This section summarizes the details of each unauthorized discharge occurring during the reporting period.

Part E: Consent Decree Compliance Status – This section briefly summarizes whether or not the City/Parish is in compliance or non-compliance with the Consent Decree.

Part F: Supplemental Environmental Projects (SEP) – This section summarizes the status of the SEP projects. However, since at this time all SEP projects have been completed in previous reporting periods and the final SEP Completion Report has also been submitted, there isn't anything to report at this time. Therefore, this section is not included in the Quarterly Report for this reporting period.

The rest of this section highlights activities that are to be addressed in the Executive Summary Section of the Quarterly Report. Additionally, the remainder of the Quarterly Report sections is attached as well.

Summary of Regulatory Actions (Quarter Ending December 31, 2009)

This portion of the Executive Summary highlights significant dates on which the City/Parish submitted deliverables to the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ). Additionally, this list also captures all meetings and phone conversations that have taken place during the past quarter with parties listed.

- City/Parish submitted the 30th Quarterly EPA Report (report data from period ending September 30, 2009) on October 23, 2009.

Pending Action Items

- EPA to forward their list of citizen complaints to the City/Parish in order for the City/Parish to compare complaints from the 311 system and document follow-up actions.

History of Submittals

A summary of important regulatory submittals to date provided by the City/Parish to the EPA and LDEQ is presented in Table 1.

Name	Date Submitted	Additional Information
Sewer System Model Verification and Revised Second Remedial Action Plan	November 2006	Submittal of CDM's 2005 RMAP2 Report with changes in the South WWTP Projects
Addressing Existing Noncompliance Issues and Future Wet Weather Flow Management Requirements at the South WWTP	January 2007	Summary of findings/ recommendations for the South WWTP
EPA RMAP2 Approval Letter	July 2007	EPA Letter Approving November 2006 Submittal and South WWTP recommendations. Disapproved interim limits and left for further discussion the time extension request due to hurricanes
South WWTP Summary of Immediate Action Plan Projects	October 2007	Summary of IAP projects to date, per EPA phone request on October 12, 2008
EPA RMAP1 Project Status Report	December 2007	Summary of RMAP1 projects to date,

TABLE 1 DOJ, EPA and LDEQ Submittal History		
Name	Date Submitted	Additional Information
		including request for time extension
EPA Prioritization Submittal	April 2008	Summary of program/RMAP2 prioritization, maps, draft milestones, per EPA phone request on February 12, 2008
EPA Memorandum - Consolidation of South and Central Wastewater Treatment Plants in Baton Rouge, Louisiana	August 2008	City/Parish request "no objection" for the retirement of the Central WWTP
Request for Modification to the Approved RMAP2 Submittal - Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program	September 2008	City/Parish formal RMAP2 Submittal
Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	January 2009	City/Parish draft response to public comments regarding the Consent Decree Modification
Updated Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	February 2009	City/Parish final response to public comments regarding the Consent Decree Modification
Signed Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	April 2009	DOJ/EPA approval of the <i>Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program Report</i> submitted by the City/Parish in September 2008 also included as an attachment in the signed Agreement and Order.

RMAP1 Status and Schedule for Completion

The RMAP1 projects listed in Exhibit F of the Consent Decree were those projects common to the alternatives presented in Section XII - Remedial Measures: Collection System Remedial Program of the Consent Decree. There are a total of nineteen of these "common" projects that were identified through various modeling and Value Engineering efforts associated with the original Sanitary Sewer Overflow (SSO) Corrective Action Plan developed by Montgomery Watson (MWH) sometime in 1998. These projects were common to the alternative plans presented in the Consent Decree that were focused on utilizing deep tunnels/storage in order to control the SSO's throughout the City/Parish's wastewater collection system. The phased implementation of these RMAP1 projects initially began sometime at the end of 1999 and the beginning of 2000. These projects were planned to start and finish at different times due to funding constraints, etc.

Since the date of entry into the Consent Decree, the City/Parish has been diligently working on the design and construction of these RMAP1 projects. However, during the planned execution of these projects significant events have taken place with the change in technical approach of the Collection System Remedial Program.

In the years 2004 and 2005, the City/Parish decided to re-evaluate the planned technical approach of their Collection System Remedial Program, while in the process of executing the RMAP1 projects. Their review resulted in a momentous change in technical approach from deep tunnels and storage, to sewer rehabilitation. Therefore, the original RMAP1 projects were all re-examined, and some wound up not fitting into the "new" plan. These projects were then shelved, and others were re-evaluated to see if they fit into the new plan. During this time period the City/Parish's consultants that were hired to help plan and execute these projects changed as well. CH2M HILL is currently the City/Parish's consultant for the SSO Control and Wastewater Facilities Program.

In December 2007, the City/Parish and CH2M HILL submitted a detailed *RMAP1 Status Report* to the EPA that summarized the status to date of all of the RMAP1 projects. This report included a formal "Request for Time Extension" for those RMAP1 projects not yet completed, and a corresponding schedule for project completion. This report was submitted as the milestone requirement pursuant to Section XVIII - Reporting, of the Consent Decree. This report and request for time extension was verbally approved by the EPA during the conference call on February 12, 2008.

However, since no formal approval was granted from the EPA or LDEQ for the RMAP1 projects that are outstanding which were highlighted in the report, the City/Parish re-submitted RMAP1 milestones as outlined in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). As previously mentioned, the 2009 Consent Decree Modification was approved in April 2009 by DOJ, EPA, and LDEQ. This approval formally accepted the RMAP1 milestones presented in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). The City/Parish and CH2M HILL are actively moving forward with the execution of the RMAP1 projects included herein.

The current status of the RMAP1 projects in progress is presented in Table 2 below and is current through December 31, 2009. For more details about the RMAP1 projects, or the RMAP1 milestone schedules can be found in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008) included in the *April 2009 Agreement and Order Regarding Modification of the Consent Decree*.

TABLE 2				
<i>EPA Consent Decree Summary and Proposed RMAP1 Milestones</i>				
		RMAP1 Projects Completed	RMAP1 Projects Completed	Project Status Summary
Milestone Date		May 4, 2007	Proposed on September 1, 2008	
Construction Status		Complete	Complete	
Consent Decree Projects	Corresponding City/Parish Projects			
RMAP1 Projects				
N-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)	✓		
N-06 PS 43 Area Upgrades				

TABLE 2				
<i>EPA Consent Decree Summary and Proposed RMAP1 Milestones</i>				
		RMAP1 Projects Completed	RMAP1 Projects Completed	Project Status Summary
Milestone Date		May 4, 2007	Proposed on September 1, 2008	
Construction Status		Complete	Complete	
Consent Decree Projects	Corresponding City/Parish Projects			
RMAP1 Projects				
N-09 PS 44/46 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)	✓		
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	✓		
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	✓		
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	✓		
	**Frenchtown Road Sewer Rehab. (03-RMP-N15)	✓		
	**North Area Comprehensive Rehab. (03-RMP-N23)	✓		
	**PS 45 Area Rehab. (00-RMP-N31)	✓		
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)	✓		
S-01B SWWTP Influent PS	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)	✓		
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	✓		
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)	✓		
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	✓		
	PS 944 Area Upgrade (99-RMP-S99)	✓		
	PS 177 Area Upgrade (99-RMP-S99)	✓		
	**PS 211 Area Upgrades (99-RMP-S11)	✓		
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.

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Milestone Date		May 4, 2007	Proposed on September 1, 2008	
Construction Status		Complete	Complete	
Consent Decree Projects	Corresponding City/Parish Projects			
RMAP1 Projects				
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)			Project suspended. Evaluated for inclusion in RMAP2 and Master Plan. Project proposed as a part of the Master Plan.
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		4 th Quarter 2008	80% complete with construction. Project in dispute with construction contractor. Both parties reached an agreement on terms and job was closed at 80% complete.
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		4 th Quarter 2007	Project completed.
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 nd Quarter 2010	Construction approximately 50% complete. Slower construction progress due to inclement weather. Construction on-going.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 nd Quarter 2010	Project completed. Final change order issued.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 nd Quarter 2010	Land acquisition underway. Approximately 70% complete with construction. Construction on-going.
*Notes: This project was executed as a combination of two RMAP1 projects				
**Notes: These projects were added as RMAP1 projects by the City/Parish after entry into the Consent Decree				
***Notes: This RMAP1 project was split up into multiple projects for better execution				

RMAP2 Project Descriptions and Schedule for Completion

The City/Parish and CH2M HILL are actively moving forward with the execution of the RMAP2 projects included herein, as outlined in the April 2009 Consent Decree Modification by DOJ, EPA, and LDEQ that adopts the corresponding *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). Many of these RMAP2 projects are currently underway due to the tight schedule required by the Consent Decree. The RMAP2 project milestone schedules are extremely compressed. To this end, given that it takes approximately 2 to 4 years for a typical project to be completed through the pre-design, design, and construction phases, most projects are being worked on simultaneously. The City/Parish is working hard to keep projects on schedule and to maintain the financing plan in spite of significant impacts from US and regional economic conditions. These conditions may impact projects in the future, however currently the project schedules are being maintained.

The City/Parish and CH2M HILL will continually refine and perform quality control reviews of the hydraulic model of the sewer system, incorporating new information as it becomes available. These refinements may alter the RMAP2 projects. However, with the EPA and LDEQ approval, the City/Parish plans to regularly document all RMAP2 project changes (scope changes, project additions, and project deletions) in the Quarterly and Annual EPA Reports.

During the past two quarters of 2009, the RMAP2 projects were being re-evaluated, and as a result some projects are now depicted differently in the tables below. Several construction sequencing issues were discovered, resulting in the combining of several capacity improvement projects to minimize these issues. In addition, several rehabilitation projects have been split up for ease of management and execution of the design and construction work associated with the rehabilitation projects. Also, some project names have been altered so that the commonly used names of the projects are utilized from here forward. There are two capacity projects [Airline Highway – Jefferson Highway and Staring Lane FM B – PS58 Improvements (Highland to Perkins)] whose milestone dates are adversely affected as a result of these project changes. However, it is anticipated that several projects will be positively impacted by these modifications and completed ahead of their milestone schedules. Please note that even though the execution and naming of some of these projects has changed that overall no scope of the RMAP2 has been removed or deleted. The RMAP2 project modifications depicted in the tables below have already been approved by the City/Parish so they will be incorporated into this upcoming Quarterly and Annual EPA Report and those that follow. See the notes in the “Project Status Summary” columns in Tables 3, 4, and 5 for more details.

The RMAP2 projects are separated into three categories with descriptions and schedules provided for all projects, current through December 31, 2009.

Category 1: Comprehensive Sewer Basin Rehabilitation

Based on sewer system digital model analysis and flow monitoring, approximately twenty-six (26) sub-basins within the collection system require comprehensive rehabilitation. Sewer system comprehensive rehabilitation projects will be implemented to repair or replace components of the system that are defective and permit excessive infiltration and inflow.

Table 3 presents the Category 1 comprehensive rehabilitation sub-basin projects and anticipated delivery milestone schedules. Status summaries are also provided for those projects already underway.

Note that any pump station improvements are included in the projects listed in Category 2, Pump Station and Transmission Improvements on the following pages.

TABLE 3

EPA Consent Decree RMAP2 Milestones for Category 1 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions	RMAP2 Projects			
Jefferson Hwy – HooShooToo Road	✓			Construction of original scope area is approximately 100% complete. Original scope area has been expanded and investigation work (CCTV, basin investigation, etc.) underway in those areas. This work is also complete. Contractor completed punch-list items, final inspection completed, and Contractor submitted letter for closeout.
Staring Lane - Boone Drive	✓			Construction approximately 70% completed and is on-going.
Gardere Lane - Burbank Road	✓			Construction approximately 40% completed and is on-going. Slower contractor progress due to inclement weather
Oak Villa Blvd - Choctaw Street	✓			Construction approximately 3% completed and on-going.
Scotland Avenue - Progress Road	✓			NTP anticipated and construction expected to begin 1 st quarter 2010.
Elm Grove Garden Road - Harding Blvd	✓			NTP anticipated and construction expected to begin 1 st quarter 2010.
Sharp Road - Florida Blvd	✓			90% design submitted and in the process of review. Design on-going. Final design expected to be submitted 1 st quarter 2010.
Kenilworth Blvd - Boone Drive	✓			Surveying on-going. 90% design expected to be submitted 1 st quarter 2010.
Foster Drive - Government Street	✓			Physical inspection completed. The data analysis and final basin characterization report expected to be completed 1 st quarter 2010. Survey on-going.
Silverleaf Road - Ford Street	✓			
Brookstown Road - Evangeline Street	✓			Project split up into 2 phases for ease of management. Overall scope the same. Now called "Brookstown Road - Evangeline Street Phase I" and "Brookstown Road – Evangeline Street Phase II". Phase I - Physical inspection completed. Data analysis on-going. Basin Characterization Report expected 1 st quarter 2010. Phase II - Physical Inspection complete. Basin Characterization ongoing. Draft Basin Characterization report expected to be completed 2 nd quarter 2010.
Bluebonnet Blvd - Jefferson Hwy		✓		Project split up into 2 phases for ease of execution. Now called "Bluebonnet Blvd – Jefferson Hwy Phase I" and "Bluebonnet Blvd – Jefferson Hwy Phase II".

TABLE 3				
EPA Consent Decree RMAP2 Milestones for Category 1 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions	RMAP2 Projects			
Highland Road - Washington Street	✓			
Stanford Avenue - Morning Glory Road	✓			
Airline Highway - Goodwood Blvd		✓		Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Airline Highway – Goodwood Blvd Phase I" and "Airline Highway – Goodwood Blvd Phase II".
Acadian Thruway - Claycut Road	✓			
Acadian Thruway - Perkins Road	✓			
Antioch Road - Chadsford Drive		✓		
Jones Creek Road - Tiger Bend Road		✓		
Scenic Highway - Spanish Town Road			✓	Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Scenic Highway – Spanish Town Road Phase I" and "Scenic Highway – Spanish Town Road Phase II".
Siegen Lane - Interstate 10		✓		
Interstate 110 - Hollywood Street		✓		
Ardenwood Drive - Winbourne Street			✓	
Flannery Road - Florida Blvd			✓	
East Boulevard - Government Street			✓	
North 38th Street - Gus Young Avenue			✓	

Category 2: Pump Station and Transmission Improvements

The Infoworks digital wastewater model was used to identify necessary increases in capacity of existing gravity trunk sewers, pump stations, and transmission mains in order to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table 4 presents a list of Category 2 projects with corresponding milestone schedules. Project status summaries are provided for those projects already underway, current through December 31, 2009.

TABLE 4				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Capital Lake Drive - Gayosa Street	✓			Additional scope and change order for design issued. Final design of additional scope expected to be submitted 1 st quarter 2010. Final design of original scope completed. Expected to be bid with 25 th and North Acadian Thruway Project to eliminate construction conflicts.
Gurney Road - Joor Road	✓			Construction 99% complete. Completing construction punch list items. Construction expected to be completed 1 st quarter 2010.
Multiple Pump Stations - Lovett Road Area	✓			Also called "Sullivan Rd./Lovett Rd./Wax Rd.". Construction 30% completed. Construction on-going.
Comite Road - Foster Road	✓			Now called "Comite Road – Foster Road Phase I". Phase I – Construction 70% complete and is on-going. Note that there is a "Comite –Foster Road Phase II" project which includes additional scope than originally included in the SSO Control and Wastewater Program. Phase II to be constructed with and funded by the City's Green Light Program project. This project includes an upgrade to the existing sewer system that runs along Comite Drive. The project consists of new sewers, forcemains, and pump stations. Phase II Construction expected begin 1 st quarter 2010.
Foster Road - Hooper Road	✓			Construction is 50% completed and is on-going.
Zachary Area Transmission Network Improvements		✓		(Previously called Red Mud Lakes and Hwy 61 Zachary/Baker). 90% design expected 1 st quarter 2010. Design on-going.

TABLE 4				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
Project Descriptions				
RMAP2 Projects				
South Boulevard - St. Joseph Street	✓			90% design submitted and reviewed. Design on-going. Expected to be bid with the 25 th and North Acadian Thruway Project to eliminate construction conflicts.
Downtown Area - PS59 Improvements	✓			Now called "Downtown Area – PS15, PS19, PS59, and PS60". Project merged with Downtown Area PS15, PS19, and PS60 Improvements. Significant scope addition to project. 30% design expected to be submitted 1 st quarter 2010. Design on-going.
Downtown Area - PS15, PS19 & PS60 Improvements	✓			Now called "Downtown Area – PS15, PS19, PS59, and PS60". Project merged with Downtown Area PS59 Improvements. Significant scope addition to project. 30% design expected to be submitted 1 st quarter 2010. Design on-going.
Highland Road - Buchanan Street	✓			90% design submitted and in the process of being reviewed. Design on-going.
Citiplace/Essen Area - PS119 & Forcemain Improvements	✓			60% design to now include extension of 16-in FM to Ward's Creek and is expected to be submitted/reviewed 1 st quarter 2010. Design on-going.
North Capacity Group 1A - Veterans Memorial Parkway - Gravity Mains		✓		Also called "North Capacity Group Project 1A". 30% design submitted and under review. 60% design expected to be submitted 1 st quarter 2010. Design on-going.
North Capacity Group 1B - Veterans Memorial Parkway - PS and FM		✓		Also called "North Capacity Group Project 1B". Significant scope addition to project. 30% design expected to be submitted 1 st quarter 2010.
Perkins/Old Perkins Area - Booster PS 514 Improvements		✓		Design consultant selected. Design NTP granted and design underway. 30% design expected 1 st quarter 2010.
Group 2 - Small Pump Stations	✓			Now called "South Capacity Group Project 2". Final design expected to be completed 1 st quarter 2010. Design on-going.
Highland Road - Burbank Drive	✓			Final design submitted. Cultural investigations to be conducted. Land acquisition initiated.
Nicholson Dr - Highland Rd - Perkins Rd		✓		NTP expected to be issued and design expected to begin 1 st quarter 2010.

TABLE 4				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Perkins Road - Dahlia Street		✓		Now called "Bayou Duplantier Area Sewer Upgrades". NTP expected to be issued and design expected to begin 1 st quarter 2010.
25th Street - North Acadian Thruway	✓			90% design submitted and reviewed. Design on-going. Portions of this project to be bid with both the Capital Lake – Gayosa Drive Project, and the South Blvd. – St. Joseph Street Project to eliminate construction conflicts.
Government St - South Acadian Thruway		✓		NTP issued. Design on-going.
Plank Road - Kleinpeter Road		✓		Scope change and contract revision underway. Design on-going. 15% design expected to be submitted 1 st quarter 2010.
O'Neal Lane - Jones Creek Road		✓		Now called "O'Neal Lane Pipeline Projects". Project merged with O'Neal Lane – Tiger Bend Road project for ease of management and limit construction disruption in the area.
O'Neal Lane - Tiger Bend Road		✓		Now called "O'Neal Lane Pipeline Projects". Project merged with O'Neal Lane – Jones Creek Road project for ease of management and limit construction disruption in the area.
Multiple PS - Nicholson Dr - Brightside Dr		✓		NTP expected to be issued and design expected to begin 1 st quarter 2010.
PS 58A Overflow Pump Station		✓		15% design submitted and reviewed. 30% design expected to be submitted 1 st quarter 2010. Design and configuration review on-going.
Staring Lane FM A - Burbank to Highland	✓			Now called "Staring Lane FM Phase I - Burbank to Highland". Design completed. To be constructed with City's Green Light Program project to eliminate potential constructability issues arising in that area. Construction on-going.
Staring Lane FM B – PS58 Improvements (Highland to Perkins)	✓			Now called "Staring Lane FM Phase II – Highland to Perkins". Final design completed. Expected to be advertised and bid for construction 1 st quarter 2011. To be constructed with City's Green Light Program project to eliminate potential constructability issues arising in that area.

TABLE 4

EPA Consent Decree RMAP Milestones for Category 2 Projects

All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Staring Lane FM C - Perkins to PS 58		✓		Now called "Staring Lane FM Phase III - Perkins to PS58)". Design consultant selected. Alternate route selected. Design on-going.
Multiple PS - Jefferson Hwy - Park Forest Dr		✓		NTP expected to be issued and design expected to begin 1 st quarter 2010.
Airline Highway - Jefferson Highway		✓		Now called "Airline Hwy Pipeline Projects". Project merged with both the Essen Lane – Interstate 12 project and the Airline Highway – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Design consultant is expected to be selected 1 st quarter 2010.
Essen Lane - Interstate 12			✓	Now called "Airline Hwy Pipeline Projects". Project merged with both the Airline Highway – Jefferson Highway project and Airline Highway – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Design consultant is expected to be selected 1 st quarter 2010.
Multiple PS - Highland Road - Kenilworth Parkway			✓	Design consultant is expected to be selected 1 st quarter 2010.
Multiple PS - Florida Blvd - Sherwood Forest Blvd			✓	Now called "Florida Boulevard PS Projects". Project merged with Airline/Florida Boulevard Area – PS30 Improvements and New PS project for ease of management and to eliminate construction sequencing issues.
Multiple PS - Plank Road - Thomas Road			✓	Now called "Plank Road PS Projects". Project merged with Multiple PS – Plank Road – Harding Boulevard project for ease of management and to eliminate construction sequencing issues.
Multiple PS - Plank Road - Harding Boulevard			✓	Now called "Plank Road PS Projects". Project merged with Multiple PS – Plank Road – Thomas Road project for ease of management and to eliminate construction sequencing issues.
Multiple PS - Highway 61 - Plank Road			✓	
Multiple PS - Jones Creek Rd - Tiger Bend Rd			✓	Now called "O'Neal Lane PS Project". Project merged with both Multiple PS – O'Neal Ln – S. Harrells Ferry Rd projects for ease of management and to eliminate construction sequencing issues.

TABLE 4				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Airline Highway - Interstate 12			✓	Now called "Airline Hwy Pipeline Projects". Project merged with both the Airline Highway – Jefferson Highway project and the Essen Lane – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Design consultant is expected to be selected 1 st quarter 2010.
Florida Boulevard - Sherwood Forest Boulevard			✓	Now called "Sherwood Forest Blvd – Goodwood Blvd Pipeline Projects". Project merged with Florida Boulevard - Sherwood Forest Boulevard project for ease of management and to eliminate construction sequencing issues.
Goodwood Boulevard - South Flannery Road			✓	Now called "Sherwood Forest Blvd – Goodwood Blvd Pipeline Projects". Project merged with Goodwood Boulevard – South Flannery Road project for ease of management and to eliminate construction sequencing issues.
Joor Road - Greenwell Springs Road			✓	
Plank Road - Port Hudson Pride Road			✓	
Essen Lane - Highland Road			✓	Now called "Highland Road Pipeline Projects". Project merged with Highland Road – Lee Drive project for ease of management and to eliminate construction sequencing issues.
Oak Villa Boulevard - Monterey Boulevard			✓	
Lovett Road - Greenwell Springs Road			✓	
Highland Road - Lee Drive			✓	Now called "Highland Road Pipeline Projects". Project merged with Essen Lane - Highland Road project for ease of management and to eliminate construction sequencing issues.
Multiple PS - Hooper Rd - Greenwell Springs Rd			✓	Now called "Hooper Road PS Projects". Project merged with Multiple Booster PS – Hooper Rd – Lovett Rd project for ease of management and to eliminate construction sequencing issues.

TABLE 4				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Multiple Booster PS - Hooper Rd - Lovett Rd			✓	Now called "Hooper Road PS Projects". Project merged with Multiple PS – Hooper Rd – Greenwell Springs Rd project for ease of management and to eliminate construction sequencing issues.
Multiple PS - Prescott Rd - Greenwell Springs Rd			✓	
Multiple PS - O'Neal Ln - S. Harrells Ferry Rd			✓	Now called "O'Neal Lane PS Project". Project merged with both the Multiple PS – O'Neal Ln – S. Harrells Ferry Rd project and the Multiple PS - Jones Creek Rd - Tiger Bend Rd project for ease of management and to eliminate construction sequencing issues.
Multiple PS - O'Neal Ln - S. Harrells Ferry Rd			✓	Now called "O'Neal Lane PS Project". Project merged with both the Multiple PS – O'Neal Ln – S. Harrells Ferry Rd project and the Multiple PS - Jones Creek Rd - Tiger Bend Rd project for ease of management and to eliminate construction sequencing issues.
Airline/Florida Boulevard Area - PS30 Improvements & New PS			✓	Now called "Florida Boulevard PS Projects". Project merged with Multiple PS - Florida Blvd - Sherwood Forest Blvd project for ease of management and to eliminate construction sequencing issues.
Multiple PS - Burbank Drive - Siegen Lane			✓	
Central Consolidation - Central PS42		✓		Now called "PS42". 30% design submitted reviewed. Design scope change completed. 30% design expected 2 nd quarter 2010.
Central Consolidation - Central PS42 FM		✓		Now called "PS42 FM". Waiting on LSU route approval. 15% design expected to be submitted 1 st quarter 2010. Design on-going.
Central Consolidation Eastside PS's - PS 2, 3, 4, 5, 6, 7, & 10		✓		Now called "Central Consolidated PS's". 15% design submittal expected 1 st quarter 2010. Design on-going.
Central Consolidation Eastside FM's - FM from PS 2, 3, 7, 10, & 5		✓		Now called "Central Consolidated FM". 15% design submitted and reviewed. 30% design expected to be submitted 1 st quarter 2010. Design on-going.

Category 3: Wastewater Treatment and Storage

This category of projects includes wet weather improvements at the City/Parish wastewater treatment plants (WWTP's), as well as storage facilities throughout the service area.

Presently, there are not any RMAP2 projects that have been identified at the North WWTP. Also, the existing Central WWTP has insufficient flows to justify the cost of renovation and upgrading for future requirements, and will be retired when the RMAP2 projects are completed at the South WWTP. Flows predicted for the current central service area will be diverted to the South WWTP.

Wastewater Treatment Projects that are part of RMAP2 submittal are summarized below:

- Immediate Action Plan (IAP) South WWTP Project that includes screening, trickling filter recirculation pumping, primary treatment improvements, and bio-solids thickening improvements.
- Phase 1 Improvements at the South WWTP for Wet Weather Flow including influent pumping, screening and grit removal for a predicted flow of 345 MGD. Phase 1 also includes 64 million gallons of equalization storage at the South WWTP.
- Phase 2 Improvements at the South WWTP include wet weather flow treatment with a peak capacity of 200 MGD (as previously approved in the November 2006 RMAP2).

In addition, there are two storage projects sized to reduce peak flows to existing North WWTP that are listed below and depicted as well in Table 4:

- Choctaw Storage Facility
- Hooper Storage Facility

These storage projects are part of the transmission system which permits retainage of wet weather peak flows. All five (5) total projects of this type are already underway. The details of the wastewater treatment and storage projects are listed in Table 5 below, and are current through December 31, 2009.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 3 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Choctaw Storage, PS 52A, PS 51A, PS 51AA, & FMs, & Return Pipe	✓			Also called "Choctaw Storage and PS Facility". 60% design submitted and being reviewed. 90% design expected 1 st quarter 2010. Survey and design on-going.
Hooper Storage	✓			Survey and design on-going. 30% design expected to be submitted and is currently under review.
South WWTP IAP Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation,	✓			Construction is approximately 20% complete and is on-going.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 3 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions	RMAP2 Projects			
Sludge Handling				
South WWTP IAP- Effluent Pumping Improvements	✓			Project completed.
South WWTP - Phase 1		✓		Also called "SWWTP Wet Weather Improvements Phase 1". 60% design submitted and reviewed. Design on-going. Issue with land acquisition since not all land is vacant – relocate owners, etc. 90% design expected to be submitted 1 st quarter 2010.
South WWTP - Phase 2			✓	Also called "SWWTP Wet Weather Improvements Phase 2". Design on-going. 30% design expected to be submitted 1 st quarter 2010.

Status of Other Consent Decree Requirements

Consent Decree Section XV - Outreach and Public Awareness Plan requires the City/Parish DPW to implement and follow the Outreach and Public Awareness Program Plan attached in Exhibit H of the Consent Decree. The Outreach and Public Awareness Program Plan was updated in December 2007 and is still to be finalized. When it is approved by the City/Parish DPW it will be submitted to the EPA and LDEQ for review and approval.

Though the Updated Outreach and Public Awareness Program Plan is in the process of being finalized, associated efforts have been on-going. Public information tools such as the website are being continuously updated with new information about the program, public meetings, project information (including monthly progress reports detailing the status of the projects), regulatory information and associated reference documents, and news articles about the SSO Control and Wastewater Facilities Program, etc. Fact sheets and brochures have also been developed that can be accessed via the website, and have been handed out during the public meetings, that describes pertinent information and aspects about the Program. Additionally, prior to any field work in areas, informational door hangers are also hung on those homes where inspection work will be taking place.

During the last quarter, Metro Council District 4 held an outreach meeting at one of the local churches, in October 2009, to provide district members an update of the sewer projects specifically in the area. Information was provided by the SSO Control and Wastewater Facilities Program staff summarizing all of the capacity projects and rehabilitation projects to be constructed in District 4 that are a part of the Program. Specifically, detailed fact sheets for the projects were provided that included cost information, pictures, map, scope overview of the project, and estimated construction schedules.

Also starting during the last quarter, the SSO Control and Wastewater Facilities Program Monthly Progress Reports have been made available and distributed to the public. Until now, they have been, and still are, posted on the website for the public to download at their convenience and are always distributed to City/Parish and DPW staff. The plan is for these reports to continue to be distributed to those on the master list and posted on the website, in addition they will also be handed out or mailed to anyone who requests them throughout the duration of the SSO Control and Wastewater Facilities Program.

Baton Rouge 2002 Consent Decree Quarterly Report
Summary of Activity Totals
October 1 - December 31, 2009

Summary of Activities	1st Quarter (28)		2nd Quarter (29)		3rd Quarter (30)		4th Quarter (31)		Totals		
	28th Quarterly Total	Cum. % Complete	29th Quarterly Total	Cum. % Complete	30th Quarterly Total	Cum. % Complete	31th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)											
Lines Cleaned (ft)	425,829	75%	405,753	146%	353,608	208%	328,301	266%	1,513,491	266%	570,000
CCTV Inspected (ft)	345,529	61%	347,595	122%	305,122	175%	233,727	216%	1,231,973	216%	570,000
Smoke Tested (ft)	215,064		419,533		154,476		121,870		910,943		----
Smoke Tested (no. of locations)	2		3		4		4		13		----
Dye Water Flooded (no. of locations)	2		3		4		4		13		----
Manholes Inspected (no.)	900	36%	1,493	96%	1,369	150%	1,298	202%	5,060	202%	2,500
Lines Repaired (no.)	327		854		755		635		2,571		----
MH Rehabbed (no.)	286		333		190		206		1,015		----
Force Mains (240 miles)											
Visual Surface Inspection (miles)	47.2	39%	39.5	72%	41.9	107%	50.5	149%	179.1	149%	120
Repaired (no.)	12		22		57		10		101		----
Air Release Valves (604)											
Inspected/Maintained	281	29%	257	56%	274	85%	315	117%	1,127	117%	960 to 1,200
Repaired (no.)	103		84		98		145		430		----
Pump & Lift Stations (421)											
Inspections (no.)	16,539	37%	16,687	74%	17,667	113%	17,214	151%	68,107	151%	45,136
Wet wells cleaned	33		153		98		121		405		----
Repaired (no.)	15		38		40		21		114		----
Peak Flow Storage Facilities (2)											
Little Peak site visits	37	36%	37	71%	39	109%	38	145%	151	145%	104
Big Peak site visits	37	36%	37	71%	39	109%	38	145%	151	145%	104

Bold is percentage complete strived for on a quarterly basis that was not met.

25%

50%

75%

100%

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - December 31, 2009**

North Plant- LA0036439

Summary of Activities	3rd Quarter (EPA Report No. 30)						4th Quarter (EPA Report No.31)						Cum. Annual Total		
	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total		*Cum. % Complete	
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)			(Rout.)	*Cum. % Complete
Gravity Collection System (2,460,000ft/10,640MH)															
Lines Cleaned (ft)	17,082					266,807		34,028				212,935	246,963	137%	781,466
CCTV Inspected (ft)					3,090	266,807					12,403	212,935	212,935	118%	675,375
Smoke Tested (ft)						134,945					3	96,285	108,688		497,170
Smoke Tested (no. of locations)						0					3	3	3		3
Dye Water Flooded (no. of locations)						0					3	3	3		3
Manholes Inspected (no.)					15	985				41	1,166	1,207	1,207	108%	2,702
Lines Repaired (no.)	107				24	131		144			32	176	176		482
MH Rehabbed (no.)	25				21	46		57			29	86	86		182
						0					0	0	0		0
Force Mains (120 miles)						0						0	0		0
Visual Surface Inspection (miles)						30.1						36	36	109%	130.3
Repaired (no.)	2					51		1				1	1		66
						0						0	0		0
Air Release Valves (335)						0						0	0		0
Inspected/Maintained						196						200	200	83%	798
Repaired (no.)						55						65	65		235
						0						0	0		0
Pump & Lift Stations (141)						0						0	0		0
Inspections (no.)						5,772						5,772	5,624	49%	22,163
Wet wells cleaned						49						53	53		181
Repaired (no.)						21						12	12		65

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - December 31, 2009**

Central Plant-LA-Central Plant-LA0036421

Summary of Activities	3rd Quarter (EPA Report No. 30)						4th Quarter (EPA Report No. 31)						
	C (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	*Cum. % Complete
Gravity Collection System (1,410,000ft/5,760MH)													
Lines Cleaned (ft)		8,114			13,948	22,062		15,304			15,163	30,467	35%
CCTV Inspected (ft)					13,948	13,948					15,163	15,163	28%
Smoke Tested (ft)					3,180	3,180						0	
Smoke Tested (no. of locatio						0						0	
Dye Water Flooded (no. of lc						0						0	
Manholes Inspected (no.)					26	43					2	2	29%
Lines Repaired (no.)		47				47		74				74	
MH Rehabbed (no.)		4				4		2				2	
												0	
Force Mains (10 miles)												0	
Visual Surface Inspection (m						0.0						0	0%
Repaired (no.)						0						0	
												0	
Air Release Valves (18)												0	
Inspected/Maintained						0						0	0%
Repaired (no.)						0						0	
												0	
Pump & Lift Stations (21)												0	
Inspections (no.)			858			858						836	7%
Wet wells cleaned			1			1						3	
Repaired (no.)				2		2						0	

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - December 31, 2009**

South Plant-LA0036412

Summary of Activities	3rd Quarter (EPA Report No. 30)						4th Quarter (EPA Report No. 31)							
	WWC (w/AMP)		WWC-PS	Field Engr.	Engr.-	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS	Field Engr.	Engr.-	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)
Gravity Collection System (4,640,000ft/21,580MH)														
Lines Cleaned (ft)		23,290				24,367	85%					5,629	50,871	93%
CCTV Inspected (ft)						24,367	69%					5,629	5,629	70%
Smoke Tested (ft)					13,261						11,633	1,549	13,182	
Smoke Tested (no. of locations)					4						1		1	
Dye Water Flooded (no. of locations)					4						1		1	
Manholes Inspected (no.)					57	269	62%				62	27	89	65%
Lines Repaired (no.)		122				455						235	385	
MH Rehabbed (no.)		15				125						84	118	
Force Mains (110 miles)														
Visual Surface Inspection (miles)						11.8	28%						15.0	41%
Repaired (no.)		4										9	9	
Air Release Valves (251)														
Inspected/Maintained						78							115	34%
Repaired (no.)										43			80	
Pump & Lift Stations (259)														
Inspections (no.)						11,037	71%						10,754	94%
Wet wells cleaned						48							65	
Repaired (no.)												17	9	
Peak Flow Storage Facilities (2)														
Little Peak site visits						39	109%						38	145%
Big Peak site visits						39	109%						38	145%

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

Table of Contents

	<u>PART</u>
CROSS CONNECTION ELIMINATION PLAN	A
COLLECTION SYSTEM PREVENTIVE MAINTENANCE PROGRAM (PMP)	B
SANITARY SEWER OVERFLOW RESPONSE PLAN (SSORP)	C
REPORTING OF UNAUTHORIZED DISCHARGES	D
CONSENT DECREE COMPLIANCE STATUS	E

Part A:
**Cross Connection
Elimination Plan**

**Baton Rouge Consent Decree Quarterly Report
 Part A - Cross Connection Elimination Plan**

Requirement: Pursuant to Paragraph 16, Section VIII of the Consent Decree, if the City/Parish identifies any Cross Connection in the Collection System, it shall be permanently sealed or eliminated within 30 days of identification or if the City/Parish elects to have the work performed by a contractor, within 60 days of identification.

Summary of Activities

No cross connections were discovered and removed during this quarter. There is no anticipated non-compliance. During the reporting period approximately 121,870 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connections were identified. There were no exceptions in enforcing the ban on private cross connections.

Summary	North Plant LA0036439 AI# 4843	Central Plant LA0036421 AI# 4842	South Plant LA0036412 AI# 4841	Total
Total No. of Cross Connections Identified:	0	0	0	0
Total No. of Cross Connections Eliminated:	0	0	0	0
Total No. of Private Cross Connections Identified:	0	0	0	0
Total No. of Private Cross Connections Eliminated:	0	0	0	0

Part A – Cross Connection Elimination Plan

Summary of Cross Connections Identified						
Number	Date Identified	Location	Private (Y/N)	Current Status	Notice Date	Date Eliminated
North Plant (LA0036439 AI# 4843)						
1						
2						
3						
Central Plant (LA0036421 AI# 4842)						
1						
2						
3						
South Plant (LA0036412 AI# 4841)						
1						
2						
3						

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 10 / 1 / 09 to 12/ 31 / 09. If not, see comments above.

Part B:
Preventive Maintenance
Program (PMP)

Baton Rouge Consent Decree Quarterly Report Part B - Preventive Maintenance Program (PMP)

Requirement: Pursuant to Exhibit I of the Consent Decree, the City/Parish shall report compliance and include a brief narrative summary of activities related to compliance and/or non-compliance with the Preventive Maintenance Program during the reporting period. In accordance with the Collection System Preventive Maintenance Plan, Paragraph 1.4, specific activities performed related to collection system preventive maintenance will be reported to the EPA and LDEQ on a quarterly basis.

Summary of Activities

During the reporting period the City/Parish Department of Public Works staff, have followed our standard operating procedures, and continued to follow the equipment manufacturers' recommended operation and maintenance requirements, as referenced in the Collection System Preventive Maintenance Plan. A summary of the collection system preventive maintenance activities for this reporting period is provided in the table on page B-2. As indicated, the primary preventive maintenance activity is inspection of facilities, including gravity sewers (through CCTV), manholes, ARVs and other facilities. Quarterly goals for specific activities identified in the Collection System Preventive Maintenance Plan were achieved this quarter. We do not anticipate any non-compliance related to preventive maintenance activities in the future. Note that the gravity system preventative maintenance activities are tied to the design schedules of the RMAP2 Submittal Category 1- Comprehensive Rehabilitation Projects.

We provided information for each treatment plant service area and have identified whether the activity was routine (standard preventive maintenance) or corrective (in response to a particular complaint or perceived problem) in nature.

There were no problems encountered or deficiencies identified in the Preventive Maintenance Program plans.

Part B - Preventive Maintenance Program (PMP)

Summary of Collection System Activities

	Quarterly Total Oct.-Dec. 2009	Cumulative 2009 Annual Total	2009 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	328,301	1,513,491	570,000
CCTV Inspected (ft)	233,727	1,231,973	570,000
Smoke Tested (ft)	121,870	910,943	----
Smoke Tested (no. of locations)	4	13	----
Dye Water Flooded (no. of locations)	4	13	----
Manholes Inspected (no.)	1,298	5,060	2,500
Lines Repaired (no.)	635	2,571	----
MH Rehabbed (no.)	206	1,015	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	50.5	179.1	120
Repaired (no.)	10	101	----
Air Release Valves (604)			
Inspected / Maintained	315	1,127	960 to 1,200
Repaired (no.)	145	430	----
Pump & Lift Stations (421)			
Inspections (no.)	17,214	68,107	45,136
Wet wells cleaned	121	405	----
Repaired (no.)	21	114	----
Peak Flow Storage Facilities (2)			
Little Peak site visits	38	151	104
Big Peak site visits	38	151	104

**Attached are separate Collection System Activity Sheets for each Treatment Plant Service Area.

The City/Parish [is] [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 10/ 01 / 09 to 12/ 31 / 09. If not, see comments above.

**Part B – Preventive Maintenance Program (PMP)
Summary of Activities by Treatment Plant Service Area**

North Plant (LA0036439 AI# 4843)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct. –Dec. 2009</u>
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	212,935	34,028	246,963
CCTV Inspected (ft)	212,935	0	212,935
Smoke Tested (ft)	108,688	0	108,688
Smoke Tested (no. of locations)	3	0	3
Dye Water Flooded (no. of locations)	3	0	3
Manholes Inspected (no.)	1,207	0	1,207
Lines Repaired (no.)	32	144	176
MH Rehabbed (no.)	29	57	86
Force Mains (120 miles)			
Visual Surface Inspection (miles)	36	0	36
Repaired (no.)	0	1	1
Air Release Valves (335)			
Inspected / Maintained	200	0	200
Repaired (no.)	0	65	65
Pump & Lift Stations (141)			
Inspections (no.)	5,624	0	5,624
Wet wells cleaned	53	0	53
Repaired (no.)	0	12	12

Routine Maintenance - Day to day maintenance work or operational activities carried out on a regular basis, to keep the collection system operating properly. Generally routine maintenance consists of visual, mechanical, electrical, and electronic checks to ensure proper functioning of equipment. Routine maintenance also consists of sewer cleaning; smoke testing, dye water flooding, manhole inspection, and CCTV inspection.

Corrective Maintenance - Maintenance that is required to restore an item to a specified, working order/condition, which is normally initiated as a result of a scheduled or routine inspection. Generally corrective maintenance consists of rehabilitation of gravity lines, manholes, force mains, etc. and generally in conjunction with system inspection activities. Corrective maintenance also consists of repairing or replacing a failed structure such as a pump station or storage facility.

**Part B – Preventive Maintenance Program (PMP)
Summary of Activities by Treatment Plant Service Area**

Central Plant (LA0036421 AI# 4842)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct.– Dec. 2009</u>
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	15,163	15,304	30,467
CCTV Inspected (ft)	15,163	0	15163
Smoke Tested (ft)	0	0	0
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	2	0	2
Lines Repaired (no.)	0	74	74
MH Rehabbed (no.)	0	2	2
Force Mains (10 miles)			
Visual Surface Inspection (miles)	0	0.0	0.0
Repaired (no.)	0	0	0
Air Release Valves (18)			
Inspected / Maintained	0	0	0
Repaired (no.)	0	0	0
Pump & Lift Stations (21)			
Inspections (no.)	836	0	836
Wet wells cleaned	3	0	3
Repaired (no.)	0	0	0

Routine Maintenance - Day to day maintenance work or operational activities carried out on a regular basis, to keep the collection system operating properly. Generally routine maintenance consists of visual, mechanical, electrical, and electronic checks to ensure proper functioning of equipment. Routine maintenance also consists of sewer cleaning, smoke testing, dye water flooding, manhole inspection, and CCTV inspection.

Corrective Maintenance - Maintenance that is required to restore an item to a specified, working order/condition, which is normally initiated as a result of a scheduled or routine inspection. Generally corrective maintenance consists of rehabilitation of gravity lines, manholes, force mains, etc. and generally in conjunction with system inspection activities. Corrective maintenance also consists of repairing or replacing a failed structure such as a pump station or storage facility.

**Part B – Preventive Maintenance Program (PMP)
Summary of Activities by Treatment Plant Service Area**

South Plant (LA0036412 AI# 4841)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct - Dec. 2009</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	5,629	45,242	50,871
CCTV Inspected (ft)	5,629	0	5,629
Smoke Tested (ft)	13,182	0	13,182
Smoke Tested (no. of locations)	1	0	1
Dye Water Flooded (no. of locations)	1	0	1
Manholes Inspected (no.)	89	0	89
Lines Repaired (no.)	235	150	385
MH Rehabbed (no.)	84	34	118
Force Mains (110 miles)			
Visual Surface Inspection (miles)	15	0.0	15
Repaired (no.)	19	9	28
Air Release Valves (251)			
Inspected / Maintained	115	0	115
Repaired (no.)	0	80	80
Pump & Lift Stations (259)			
Inspections (no.)	10,754	0	10,754
Wet wells cleaned	65	0	65
Repaired (no.)	0	9	9
Peak Flow Storage Facilities (2)			
Little Peak site visits	38	0	38
Big Peak site visits	38	0	38

Routine Maintenance - Day to day maintenance work or operational activities carried out on a regular basis, to keep the collection system operating properly. Generally routine maintenance consists of visual, mechanical, electrical, and electronic checks to ensure proper functioning of equipment. Routine maintenance also consists of sewer cleaning, smoke testing, dye water flooding, manhole inspection, and CCTV inspection.

Corrective Maintenance - Maintenance that is required to restore an item to a specified, working order/condition, which is normally initiated as a result of a scheduled or routine inspection. Generally corrective maintenance consists of rehabilitation of gravity lines, manholes, force mains, etc. and generally in conjunction with system inspection activities. Corrective maintenance also consists of repairing or replacing a failed structure such as a pump station or storage facility.

Part C:
**Sanitary Sewer Overflow
Response Plan (SSORP)**

**Baton Rouge Consent Decree Quarterly Report
Part C - Sanitary Sewer Overflow Response Plan (SSORP)**

Requirement: Pursuant to Paragraph 24, Section X of the Consent Decree, The City/Parish shall implement the Sanitary Sewer Overflow Response Plan (SSO Response Plan) attached to the Consent Decree as Exhibit A.

Summary of Activities

A total of 5 Sanitary Sewer Overflows (SSOs) were responded to during this reporting period. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows – including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for each unauthorized discharge reported. There were no problems encountered in following the SSO Response Plan. The City/Parish was in compliance with the Collection System Preventive Maintenance Program.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	1
Central Plant-LA0036421 AI # 4842 Collection System	0
South Plant-LA0036412 AI# 4841 Collection System	4
Total	5

** See table attached to Part D – Reporting of Unauthorized Discharges for detailed information about individual events.

The City/Parish [is] [is not] in compliance with Section X Sanitary Sewer Overflow Response Plan (SSORP) for the period 10/ 1 / 09 to 12 / 31 / 09. If not, see comments above.

Part D:
Reporting of
Unauthorized Discharges

Baton Rouge Consent Decree Quarterly Report Part D - Reporting of Unauthorized Discharges

Requirement: Pursuant to Paragraph 26, Section XI of the Consent Decree the City/Parish shall report all Unauthorized Discharges of which it becomes aware to EPA and LDEQ. All such Unauthorized Discharges shall be reported to EPA and LDEQ in the Quarterly Report.

Summary of Unauthorized Discharges

The attached Sanitary Sewer Overflow Monitoring Report provides information about all unauthorized discharges discovered during the reporting period, such as the date, location, cause, action taken to reduce or eliminate the discharge, surface water that received the discharge and quantity of the discharge. The attached Sanitary Sewer Overflow Monitoring Report also identifies the steps taken to prevent the recurrence of the discharge.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	1
Central Plant-LA0036421 AI # 4842 Collection System	0
South Plant-LA0036412 AI# 4841 Collection System	4
Total	5

** See attached tables for detailed information about individual events.

There were no unusual SSOs, but there were two unauthorized discharge equal to or greater than 100,000 gallons during this reporting period. One event occurred during a power failure at the pump station and the other event occurred during a heavy rainfall event. (See attached correspondence).

Implementation of the Remedial Measures Action Plan (RMAP) projects will not prevent the recurrence of the above unauthorized discharges, but the RMAP projects will prevent the recurrence of unauthorized discharges due exclusively to wet weather events less than or equal to the modeled design storm.

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 10/ 01 / 09 to 12/ 31 / 09. If not, see comments above.

CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE
 SANITARY SEWER OVERFLOWS MONITORING REPORT

10/1/2009 TO 12/31/2009

SOUTH Sewer District Collection System LPDES LA0036412 AI#4841

Date	Address	Cause	Action	Prevention	Rec. WatAmt. Gal.	PS	BOD	TSS	pH
10/2/2009	10108 Azrok	P.S. 88 was down due to a bad power breaker.	Sewage discharge was recorded. Site was deodorized and disinfected. Run water and put out granulate.	Periodic wash of collection line Added de-greaser to prevent build up. Call for pump mech. to come check station.	None	88	74	306	6.87
10/2/2009	13614 Cypress Ridge Ave	Stoppage in the collection line, turn in to W.W.C. to Dispatch a was truck to clear the stoppage.	Sewage discharged was recorded. Site was deodorized and disinfected.	Periodic wash of collection line Added de-greaser to prevent build up.	None	219	88	404	6.95
12/20/2009	4898 Essen Ln	Pump station #58 went off line.	Had the pump station put back on. Recorded sewage discharge repairs. Deodorized and disinfected site.	Repairs was made, periodic maintenance checks scheduled.	None	58	58	180	7.05

CITY OF BATON ROUGE/PARISH OF EAST BATON ROUGE
 SANITARY SEWER OVERFLOWS MONITORING REPORT

10/1/2009 TO 12/31/2009

NORTH Sewer District Collection System LPDES LA0036439A1# 4843

Date	Address	Cause	Action	Prevention	Rec. Wat.Amt. Gals	PS	BOD	TSS	pH
10/2/2009	6414 Marionette	P.S. 433 surcharge due to heavy rain cause manhole MH# 433-00029 to overflow.	Call for pump Mech. To come check station. Sewage discharged was recorded. Site was deodorized and disinfected. Used blue heat to clear stoppage and grease away to prevent build up.	Periodic wash of collection line Added de-greaser to prevent build up.	None	433	72	828	7.1



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

December 11, 2009

Peggy Hatch, Environmental Specialist Coordinator
Department of Environmental Quality
Enforcement Section
Post Office Box 4312
Baton Rouge, Louisiana 70821-4312

Re: LPDES Permit No. LA0036412
AI # 4841
Overflow

Dear Ms. Hatch:

We had an overflow at the South Treatment Plant which occurred on December 8, 2009, beginning at 0615 hours and ending at 0830 hours for a total duration of 2 hours and 15 minutes. During this time, an estimated 241,000 gallons of wastewater received only primary treatment which overflowed onto the plant grounds.

This overflow at primary basins #5 and #6 was due to excessively high plant flows caused by heavy rain. Procedures outlined in the Sanitary Sewer Response Plan were followed during the incident.

Should you require additional information concerning this matter, please let me know.

Sincerely yours,

Peter T. Newkirk, PE
Public Works Director

PTN/CB/pas

xc: Mary Roper, Parish Attorney
Cheryl Berry, PE, Special Projects Engineer
Garcia Dialekwa, Wastewater Treatment Plant Manager
Charles O'Brien, Wastewater Laboratory Supervisor
Hugh Taylor, Wastewater Treatment Plant Supervisor (STP)



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

December 11, 2009

U. S. Environmental Protection Agency
Enforcement and Compliance Assurance Division
Water Enforcement Branch (6EN-WC)
1445 Ross Avenue
Dallas, Texas 75202-2733

Attention: Gladys Gooden-Jackson

Re: LPDES Permit No. LA0036412
AI # 4841
Overflow

Dear Ms. Gooden-Jackson:

We had an overflow at the South Treatment Plant which occurred on December 8, 2009, beginning at 0615 hours and ending at 0830 hours for a total duration of 2 hours and 15 minutes. During this time, an estimated 241,000 gallons of wastewater received only primary treatment which overflowed onto the plant grounds.

This overflow at primary basins #5 and #6 was due to excessively high plant flows caused by heavy rain. Procedures outlined in the Sanitary Sewer Response Plan were followed during the incident.

Should you require additional information concerning this matter, please let me know.

Sincerely yours,

Peter T. Newkirk, PE
Public Works Director

PTN/CB/pas

xc: Mary Roper, Parish Attorney
Cheryl Berry, PE, Special Projects Engineer
Garcia Dialekwa, Wastewater Treatment Plant Manager
Charles O'Brien, Wastewater Laboratory Supervisor
Hugh Taylor, Wastewater Treatment Plant Supervisor (STP)

Part E:
Consent Decree
Compliance Status

Baton Rouge Consent Decree Quarterly Report Part E - Consent Decree Compliance Status

Requirement: Pursuant to Exhibit I of the Consent Decree, the City/Parish shall report Consent Decree compliance status in each quarterly report and provide a brief narrative summary of non-compliance items and any other information required to convey activity status as it relates to compliance or non-compliance with the Consent Decree.

Compliance Status

- The City/Parish was not in compliance with the South Treatment Plant LPDES Permit No. LA0036412 AI# 4841 during the reporting period. The South Wastewater Treatment Plant (SWWTP) exceeded the permit effluent limits for BOD monthly average and the Percent Removal for the period shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the South Plant during this reporting period is \$12,500. Non-compliance was due to operational issues at the South Wastewater Treatment Plant.

During this reporting period Gravity Bar Screens E-101, E-104, Trickling Filters #4, #7, Sludge Pumps P-2004, P-2005 and P-2505, Primary Basin #6, Primary Effluent Pump P-2008 and Final Clarifier #2 and #3 were all out of service due to mechanical or electrical issues; Primary Basin #2, #3 and #6, were out of service due to scheduled outage by the contractor for the Immediate Action Plant Projects. Further noncompliance is not anticipated.

SWWTP	Permit Level	4 th Quarter 2009			Stipulated Penalty		
		Oct	Nov	Dec.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	32	36	C	2	\$2,500	\$5,000
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	63	69	61	3	\$2,500	\$7,500
<u>TSS</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TRC</u>							
Monthly Max (mg/l)	0.46	C	C	C			
<u>Fecal Coliform</u>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$12,500

C-Compliance

Part E - Consent Decree Compliance Status

2. The City/Parish was not in compliance with the Central Treatment Plant LPDES Permit No. LA0036421 AI# 4842 during the reporting period. The Central Wastewater Treatment Plant (CWWTP) exceeded the permit effluent limits for the BOD Percent Removal for the period shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the Central Plant during this reporting period is \$5,000. Non-compliance was due to operational issues at the Central Wastewater Treatment Plant.

During this reporting period the Central Plant experienced extremely high flows due to heavy rainfall. The Grit removal system, Snail Screens and Primary Basin #1 and #2 were out of service due to mechanical and electrical issues. Design of construction projects for the repair of the Grit removal system and Primary Basin #1 and #2 are currently under way. The Snail Screens will be repair by the in-house crews. Further noncompliance is not anticipated.

CWWTP	Permit Level	4 th Quarter 2009			Stipulated Penalty		
		Oct	Nov	Dec.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	74	C	63	2	\$2,500	\$5,000
<u>TSS</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TRC</u>							
Monthly Max (mg/l)	0.46	C	C	C			
<u>Fecal Coliform</u>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$5,000

C-Compliance

Part E - Consent Decree Compliance Status

3. The City/Parish was in compliance with the North Treatment Plant LPDES Permit No. LA0036439 AI# 4843 during the reporting period. . The North Wastewater Treatment Plant (NWWTP) exceeded the permit effluent limits for BOD and TSS monthly averages and the BOD Percent Removal for the period shown in the table below. The total amount of stipulated penalties identified for non-compliant activities at the North Plant during this reporting period is \$7,500. Non-compliance was due to operational issues at the North Wastewater Treatment Plant.

During this reporting period the addition of Ferric Chloride and Bioxide for odor control appears to be effecting settling of solids in the primary basins. The Ferric Chloride injection has been halted, and the Bioxide feed rates have been decreased. Heavy rainfall during December also caused mechanical problems with the primary basins that have been repaired. Further noncompliance is not anticipated.

NWWTP	Permit Level	4 th Quarter 2009			Stipulated Penalty		
		Oct	Nov	Dec.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	31	C	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	70	1	\$2,500	\$2,500
<u>TSS</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	33	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TRC</u>							
Monthly Max (mg/l)	0.46	C	C	C			
<u>Fecal Coliform</u>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$7,500

C-Compliance

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 10/ 01 / 09 to 12 / 31 / 09. If not, see comments above.