



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 32

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**April 26, 2010**



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

April 26, 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 Second Quarterly Report - **Period Ending March 31, 2010**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 32<sup>nd</sup> Consent Decree Quarterly Report covering activities for the quarter ending March 31, 2010. 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

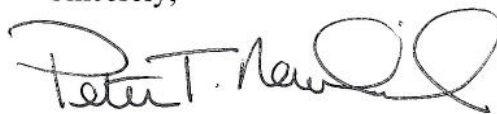
These activities are described in Sections VIII, IX, X, XI, XX and XXI of the Consent Decree.

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 32<sup>nd</sup> 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 Second 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,

A handwritten signature in black ink that reads "Peter T. Newkirk". The signature is written in a cursive style with a large, stylized "P" and "N".

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 Tate, 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. Michael Ellis, CH2MHILL ✓

**CITY-PARISH DEPARTMENTAL MEMORANDUM  
WASTEWATER TREATMENT AND DISPOSAL DIVISION**

2443 River Road  
Baton Rouge, LA 70802

**Date:** April 23, 2010

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

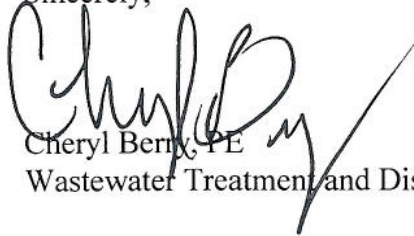
**From:** Mrs. Cheryl P. Berry, P.E., Wastewater Treatment and Disposal Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Thirty Second Quarterly Report – Period Ending March 31, 2010  
Data Review

Gentlemen:

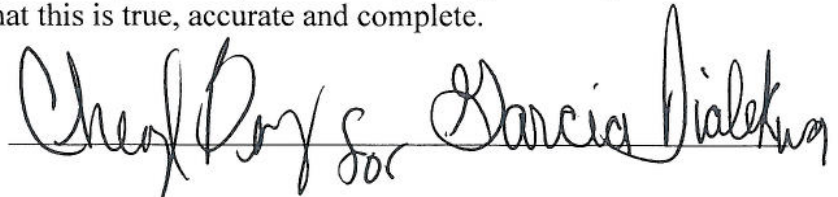
Draft copies of the above referenced report have been submitted for your review. This review is to insure that the data submitted under your direction, has been stated in a truthful and accurate manner in the Thirty Second Quarterly Report. Once the review of your portion of data is complete and corrected,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

Sincerely,



Cheryl Berry, P.E.  
Wastewater Treatment and Disposal Division

I certify that the information contained in or accompanying the portion of the Thirty Second 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.



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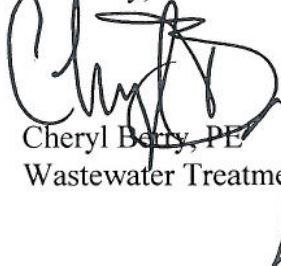
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Cheryl Berry, PE  
Wastewater Treatment and Disposal Division

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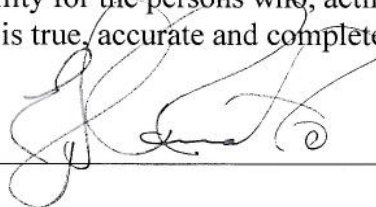
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# 32<sup>nd</sup> Quarterly Report Executive Summary

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## 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 March 31, 2010.

## 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 March 31, 2010)

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 31<sup>st</sup> Quarterly EPA Report (report data from period ending December 31, 2009) on January 25, 2010.
- City/Parish submitted the 2009 Annual EPA Report (report data from period January 1, 2009 through December 31, 2009) on January 28, 2010.

## 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.

TABLE 1 DOJ, EPA and LDEQ Submittal History		
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	October 2007	Summary of IAP projects to date, per EPA



TABLE 1 DOJ, EPA and LDEQ Submittal History		
Name	Date Submitted	Additional Information
Action Plan Projects		phone request on October 12, 2008
EPA RMAP1 Project Status Report	December 2007	Summary of RMAP1 projects to date, 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 March 31, 2010. Through the end of the first quarter of 2010, approximately 17 of the 19 projects have been completed. The final 2 projects are well into construction with construction expected to be finished in 2010. 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**

*EPA Consent Decree Summary and Proposed RMAP1 Milestones*

		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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		<b>RMAP1 Projects Completed</b>	<b>RMAP1 Projects Completed</b>	<b>Project Status Summary</b>
<b>Milestone Date</b>		May 4, 2007	Proposed on September 1, 2008	
<b>Construction Status</b>		Complete	Complete	
<b>Consent Decree Projects</b>	<b>Corresponding City/Parish Projects</b>			
<b>RMAP1 Projects</b>				
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 <sup>th</sup> 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 <sup>th</sup> Quarter 2007	Project completed.
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 <sup>nd</sup> Quarter 2010	Construction approximately 60% complete. Land acquisition completed. Construction on-going and expected to be completed 3 <sup>rd</sup> quarter 2010.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 <sup>nd</sup> Quarter 2010	Project completed. Final change order issued.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 <sup>nd</sup> Quarter 2010	Approximately 60% complete with construction. Resolving utility conflict with upstream pump station, evaluation and cost estimate underway. Construction on-going and expected to be completed by the 3 <sup>rd</sup> quarter 2010.
*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				

TABLE 2			
EPA Consent Decree Summary and Proposed RMAP1 Milestones			
		RMAP1 Projects Completed	RMAP1 Projects Completed
	Milestone Date	May 4, 2007	Proposed on September 1, 2008
	Construction Status	Complete	Complete
Consent Decree Projects	Corresponding City/Parish Projects		
RMAP1 Projects			
***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 continues documenting the impact of force majeure events that have affected the Baton Rouge Area (including Hurricanes like Katrina, Rita and Gustav, or several other extreme storm events). The Consent Decree schedule is very demanding and the time lost in the early years from these events has affected some projects, although the overall program is on schedule and the City/Parish is sparing no effort to stay on schedule. The City/Parish considers that it is important to keep track of these events in regards to their potential affect on schedule and compliance, and also their affect on the associated construction costs and contractor availability for RMAP2 project work. The City/Parish believes that it may be necessary to request a time extension from the EPA and LDEQ for the completion of some RMAP2 projects due to the storm events and recovery, but has agreed not to request an extension at this time and continues to do everything possible to meet the schedule. The City/Parish will continue to regularly document all RMAP2 project changes related to force majeure events, with the intent that this documentation may be used to support a request for time extension at some later date for some projects if it is deemed necessary.

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 March 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				
<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			
Jefferson Hwy – HooShooToo Road	✓			Construction of original scope area is approximately 100% complete. Original scope area was expanded and additional investigation work (CCTV, basin investigation, etc.) completed in those areas. Contractor completed punch-list items, final inspection completed, and Contractor submitted letter for closeout.
Staring Lane - Boone Drive	✓			Now called "Staring Lane – Boone Drive Area Rehabilitation Project". Construction approximately 80% completed and is on-going.
Gardere Lane - Burbank Road	✓			Now called "Burbank Drive – Gardere Lane Area Rehabilitation Project". Construction approximately 75% completed and is on-going.

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			
Oak Villa Blvd - Choctaw Street	✓			Now called "Oak Villa –Choctaw Street Area Rehabilitation Project". Construction approximately 7% completed and on-going.
Scotland Avenue - Progress Road	✓			Now called "Scotland Avenue – Progress Road Area Rehabilitation Project". NTP received and construction 1% complete and on-going.
Elm Grove Garden Road - Harding Blvd	✓			Now called "Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project". NTP received and construction 1% complete and on-going.
Sharp Road - Florida Blvd	✓			Now called "Sharp Road – Florida Boulevard Area Rehabilitation Project". Final design submitted. Advertise for bids expected 2 <sup>nd</sup> quarter 2010.
Kenilworth Blvd - Boone Drive	✓			Now called "Kenilworth Boulevard – Boone Drive Area Rehabilitation Project". 90% design submitted and reviewed. Final design expected to be submitted 2 <sup>nd</sup> quarter 2010.
Foster Drive - Government Street	✓			Now called "Foster Drive – Government Street Area Rehabilitation Project". The data analysis and final basin characterization report expected completed. 90% design submitted and reviewed. Final design expected to be submitted 2 <sup>nd</sup> quarter 2010.
Silverleaf Road - Ford Street	✓			Now called "Silverleaf Road – Ford Street Area Rehabilitation Project". Physical inspection completed. Data analysis on-going. Basin characterization report expected to be submitted 2 <sup>nd</sup> quarter 2010.
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 Area Rehabilitation Project" and "Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project". Phase I - Physical inspection and data analysis completed. Survey on-going. Basin Characterization Report submitted and in the process of being reviewed. Final design expected to be submitted 2 <sup>nd</sup> quarter 2010. Phase II - Physical Inspection complete. Basin Characterization ongoing. Draft Basin Characterization report expected to be completed 2 <sup>nd</sup> quarter 2010.
Bluebonnet Blvd - Jefferson Hwy		✓		Project split up into 2 phases for ease of execution. Now called "Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project" and "Bluebonnet Blvd – Jefferson Hwy Phase II Area

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				
				Rehabilitation Project". Phase I – Physical inspection on-going and expected to be completed 2 <sup>nd</sup> quarter 2010. Phase II - Physical inspection on-going and expected to be completed 2 <sup>nd</sup> quarter 2010.
Highland Road - Washington Street	✓			Now called "Highland Road – Washington Street Area Rehabilitation Project".
Stanford Avenue - Morning Glory Road	✓			Now called "Stanford Avenue – Morning Glory Road Area Rehabilitation Project".
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 Area Rehabilitation Project" and "Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project".
Acadian Thruway - Claycut Road	✓			Now called "Acadian Thruway – Claycut Road Area Rehabilitation Project".
Acadian Thruway - Perkins Road	✓			Now called "Acadian Thruway – Perkins Road Area Rehabilitation Project".
Antioch Road - Chadsford Drive		✓		Now called "Antioch Road – Chadsford Drive Area Rehabilitation Project".
Jones Creek Road - Tiger Bend Road		✓		Now call "Jones Creek Road – Tiger Bend Road Area Rehabilitation Project".
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 Area Rehabilitation Project" and "Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project".
Siegen Lane - Interstate 10		✓		Now called "Siegen Lane – Interstate 10 Area Rehabilitation Project".
Interstate 110 - Hollywood Street		✓		Now called "Interstate 110 – Hollywood Street Area Rehabilitation Project".
Ardenwood Drive - Winbourne Street			✓	Now called "Ardenwood Drive – Winbourne Street Area Rehabilitation Project".
Flannery Road - Florida Blvd			✓	Now called "Flannery Road – Florida Boulevard Area Rehabilitation Project".
East Boulevard - Government Street			✓	Now called "East Boulevard – Government Street Area Rehabilitation Project".
North 38th Street - Gus Young Avenue			✓	Now called "North 38 <sup>th</sup> Street – Gus Young Avenue Area Rehabilitation Project".



## 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 March 31, 2010.

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				
Capitol Lake Drive - Gayosa Street	✓			Now called "Capitol Lake – Gayosa Street Area Capacity Improvements". Additional scope and change order for design issued. Final design of additional scope submitted and reviewed. Final design of original scope completed and submitted. A portion of 25 <sup>th</sup> and North Acadian Thruway Project will be included for bids in this project to eliminate construction conflicts. Advertise for bids expected 2 <sup>nd</sup> quarter 2010.
Gurney Road - Joor Road	✓			Construction 100% completed.
Multiple Pump Stations - Lovett Road Area	✓			Also called "Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades.". Approximately 45% completed with construction. Construction on-going.
Comite Road - Foster Road	✓			Now called "Comite Road – Foster Road Sewer Area Upgrades - Phase I". Phase I – Construction 95% complete and is on-going. Construction expected to be completed 2 <sup>nd</sup> quarter 2010.  Note that there is a "Comite –Foster Road Sewer Area Upgrades - 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 (Roadway Improvements) 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 began at the end of March. Construction on-going.
Foster Road - Hooper Road	✓			Now called "Foster Road – Hooper Road Sewer Area Upgrade". Construction is 60% completed and is 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				
RMAP2 Projects				
Zachary Area Transmission Network Improvements		✓		<p>Project has been split up into 4 phases for ease of execution (Previously called Red Mud Lakes and Hwy 61 Zachary/Baker). Now called "Zachary Area Transmission Network Improvements: Phase I - 3 Pump Stations and Equalization Basin, Phase II - Red Mud Lakes Forcemain to NWWTP, Phase III - Forcemain to Highway 964 to Red Mud Lakes, Phase IV - Zachary Improvements.</p> <p>Phase I - 90% design is expected to be submitted and reviewed and 100% design expected 2<sup>nd</sup> quarter 2010. Phase II - 90% design is expected to be submitted and reviewed and 100% design expected 2<sup>nd</sup> quarter 2010. Phase III - 90% design is expected to be submitted and reviewed and 100% design expected 2<sup>nd</sup> quarter 2010. Phase IV - 90% design is expected to be submitted and reviewed and 100% design expected 2<sup>nd</sup> quarter 2010. Design for all phases on-going.</p>
South Boulevard - St. Joseph Street	✓			<p>Now called " South Boulevard - St. Joseph Street Sewer Area Upgrades". Final design submitted. Advertise for bids 2<sup>nd</sup> quarter 2010. A portion of the 25<sup>th</sup> and North Acadian Thruway Project will be included for bid in this project to eliminate construction conflicts.</p>
Downtown Area - PS59 Improvements	✓			<p>Now called "Downtown Area Pump Station Improvements". Project merged with Downtown Area PS15, PS19, and PS60 Improvements. Significant scope addition to project. 30% design submitted and reviewed. 60% and final design expected to be submitted 2<sup>nd</sup> quarter 2010. Design on-going.</p>
Downtown Area - PS15, PS19 & PS60 Improvements	✓			<p>Now called "Downtown Area Pump Station Improvements". Project merged with Downtown Area PS59 Improvements. Significant scope addition to project. 30% design submitted and reviewed. 60% and final design expected to be submitted 2<sup>nd</sup> quarter 2010. Design on-going.</p>
Highland Road - Buchanan Street	✓			<p>Now called "Highland Road - Buchanan Street Sewer Area Upgrades". Final design submitted. Advertisement for bids 2<sup>nd</sup> quarter 2010.</p>

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				
Citiplace/Essen Area - PS119 & Forcemain Improvements	✓			60% design to now include extension of 16-in FM to Ward's Creek and has been submitted and reviewed. Final design expected to be submitted 2 <sup>nd</sup> quarter 2010. Design on-going.
North Capacity Group 1A - Veterans Memorial Parkway - Gravity Mains		✓		Now called "Group Project 1A (Metro Airport Sewer Upgrades)". 60% design submitted and under review. 90% and final design submittals expected to be submitted 2 <sup>nd</sup> quarter 2010. Design on-going.
North Capacity Group 1B - Veterans Memorial Parkway - PS and FM		✓		Also called "Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)". Significant scope addition to project. 30% design submitted and expected to be under review 2 <sup>nd</sup> quarter 2010. Design on-going.
Perkins/Old Perkins Area - Booster PS 514 Improvements		✓		30% design expected 2 <sup>nd</sup> quarter 2010. Design on-going.
Group 2 - Small Pump Stations	✓			Now called "Group Project 2 (Old Perkins – Highland Road Area Upgrades)". Final design completed and advertised for bids. NTP and construction expected to begin 3 <sup>rd</sup> quarter 2010.
Highland Road - Burbank Drive	✓			Now called "Highland Road – Burbank Drive Capacity Improvements". Final design to be submitted and advertisement for bids expected 2 <sup>nd</sup> quarter 2010.
Nicholson Dr - Highland Rd - Perkins Rd		✓		Now called "Nicholson Drive – Highland Road – Perkins Road Capacity Improvements". NTP for design issued. 30% design expected to be submitted 3 <sup>rd</sup> quarter 2010. Design on-going.
Perkins Road - Dahlia Street		✓		Now called "Bayou Duplantier Area Sewer Upgrades". NTP for design issued. 30% design expected to be submitted 2 <sup>nd</sup> quarter 2010. Design on-going.
25th Street - North Acadian Thruway	✓			Final design submitted and reviewed. NOTE: 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. Since design of 25 <sup>th</sup> – North Acadian Thruway is completed and construction work was combined with these two separate projects, this project has been closed. Please see status construction updates for the two projects mentioned above.

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				
Government St - South Acadian Thruway		✓		30% design expected 3 <sup>rd</sup> quarter 2010. Design on-going.
Plank Road - Kleinpeter Road		✓		Now called "Plank Road – Kleinpeter Road Sewer Area Upgrades". 30% design expected to be submitted 2 <sup>nd</sup> quarter 2010. Design on-going.
O'Neal Lane - Jones Creek Road		✓		Now called "O'Neal Lane Pipeline Improvements". Project merged with O'Neal Lane – Tiger Bend Road project for ease of management and limit construction disruption in the area. NTP expected to be issued and design expected to begin 2 <sup>nd</sup> quarter 2010.
O'Neal Lane - Tiger Bend Road		✓		Now called "O'Neal Lane Pipeline Improvements". Project merged with O'Neal Lane – Jones Creek Road project for ease of management and limit construction disruption in the area. NTP expected to be issued and design expected to begin 2 <sup>nd</sup> quarter 2010.
Multiple PS - Nicholson Dr - Brightside Dr		✓		NTP issued. 30% design expected 3 <sup>rd</sup> quarter 2010. Design on-going.
PS 58A Overflow Pump Station		✓		Now called "Pump Station 58 Capacity Improvements". 30% design submitted and is under review. 60% design expected to be submitted 3 <sup>rd</sup> quarter 2010. Design on-going.
Staring Lane FM A - Burbank to Highland	✓			Now called "Staring Lane FM (Phase I - Burbank Drive to Highland Road)". Design completed. To be constructed with City's Green Light Program project to eliminate potential constructability issues arising in that area. Construction 15% complete and on-going.
Staring Lane FM B – PS58 Improvements (Highland to Perkins)	✓			Now called "Staring Lane FM (Phase II - Highland road to Perkins Road)". Final design completed. Expected to be advertised and bid for construction 1 <sup>st</sup> quarter 2011. To be constructed with City's Green Light Program project to eliminate potential constructability issues arising in that area.
Staring Lane FM C - Perkins to PS 58		✓		Now called "Staring Lane FM (Phase III - Perkins to PS58)". NTP issued. Alternate route selected. 30% design expected 3 <sup>rd</sup> quarter 2010. Design on-going.
Multiple PS - Jefferson Hwy - Park Forest Dr		✓		NTP issued and 15% design underway. 30% design expected 2 <sup>nd</sup> 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				
RMAP2 Projects				
Airline Highway - Jefferson Highway		✓		Now called "Airline Highway Pipeline Improvements". 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 selected and NTP expected 2 <sup>nd</sup> quarter 2010.
Essen Lane - Interstate 12			✓	Now called "Airline Highway Pipeline Improvements". 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 selected and NTP expected 2 <sup>nd</sup> quarter 2010.
Multiple PS - Highland Road - Kenilworth Parkway			✓	Design consultant selected and NTP expected to be issued 2 <sup>nd</sup> quarter 2010.
Multiple PS - Florida Blvd - Sherwood Forest Blvd			✓	Now called "Florida Boulevard Pump Station Improvements". Project merged with Airline/Florida Boulevard Area – PS30 Improvements & 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 Pump Station Improvements". 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 Highway Pipeline Improvements". 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 selected and NTP expected 2 <sup>nd</sup> 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				
<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				
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 Pump Station Improvements". 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 Pump Station Improvements". 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 "Pump Station 42". 30% design submitted and reviewed. Design scope change completed. 30% design expected 2 <sup>nd</sup> quarter 2010. Design on-going.
Central Consolidation - Central PS42 FM		✓		Now called "Pump Station 42 Forcemain". LSU board approved route through campus. 15% design submitted. 30% design expected to be submitted 2 <sup>nd</sup> quarter 2010. Design on-going.
Central Consolidation Eastside PS's - PS 2, 3, 4, 5, 6, 7, & 10		✓		Now called "Central Consolidated Pump Stations". 15% design submitted. 30% design expected to be submitted 2 <sup>nd</sup> 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 2 <sup>nd</sup> 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 March 31, 2010.

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 Pump Station Facility". 60% design submitted and reviewed. 90% design expected 2 <sup>nd</sup> quarter 2010. Design is on-going.
Hooper Storage	✓			Survey on-going. 30% design expected to be submitted 2 <sup>nd</sup> quarter 2010.



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			
South WWTP IAP Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling	✓			Construction is approximately 50% complete and is on-going.
South WWTP IAP- Effluent Pumping Improvements	✓			Project completed.
South WWTP - Phase 1		✓		Also called "SWWTP Wet Weather Improvements - Phase I". Issue with land acquisition since not all land is vacant – relocate owners, etc. Final design submitted. Advertisement for bids underway. NTP for construction expected 3 <sup>rd</sup> quarter 2010.
South WWTP - Phase 2			✓	Also called "SWWTP Wet Weather Improvements - Phase II". 30% design submitted and being reviewed. 60% design expected 3 <sup>rd</sup> 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.

Also 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.

During the last quarter ending March 31, 2010 the following outreach and public awareness activities took place:

January 2010:

During January 10 individual meetings were held with each Metro Council member to discuss SSO projects specific to their district. Each member was presented with the following items: 1) Large mounted map showing district specific rehabilitation projects, 2) Large mounted map showing district specific capacity improvement projects, 3) Large mounted map showing all SSO projects in East Baton Rouge Parish, 4) 10 bound copies of project detail reports including information on potential land acquisitions.

February 2010:

February 9: Under the direction of Metro Councilwoman, Tara Wicker, approximately 25 Leadership Council members met with SSO representatives to learn about the 7 rehabilitation projects and 9 capacity improvement projects scheduled in District 10.

February 22: Under the direction of Metro Councilwoman, Ronnie Edwards, a meeting was held at the St. Mark United Methodist Church with community members to learn about the 7 rehabilitation projects and 7 capacity improvement projects that affect District 5.

March 2010:

March 1: The first Mentor Protégé Committee meeting was held. CH2MHILL received support and approval from the Mayor-President's Office of the City/Parish and the Mayor's Advisory Committee on Minority Participation to move forward with developing a Mentor- Protégé (MP) agreement with Parms Construction, LLC, a Baton Rouge, Louisiana based construction management firm led by Mr. Willie Parms. Parms Construction, LLC will support construction activities on the Program and in return will receive support and training assistance in business and financial management, business development, and technical aspects of infrastructure construction. This MP program will be registered with the Louisiana Department of Economic Development and will be the first such partnership in the state's history.

March 2: Approximately 100 people attended the Minority Business Workshop, sponsored by the City/Parish, at the River Center in Baton Rouge. The SSO Program staffed a booth and discussed opportunities to work on the SSO Program with minority business owners.

March 2: Under the direction of Metro Councilman, Trae Welch, a meeting was held with approximately 40 leadership council members to discuss SSO projects specific to District 1.

March 8: Under the direction of Metro Councilwoman, Tara Wicker, a meeting with the Civic Association was held to discuss the status of the SSO Program along with projects specific to District 10.

March 10: A workshop called "Managing Change in Construction" was given by the SSO Program Management Team to help Metro Council understand why change is necessary in construction.

March 22: Under the direction of Metro Councilwoman, Ronnie Edwards, a meeting with the interested district residents was held to discuss the status of the SSO Program along with projects specific to District 5. Specific focus was made on the Hooper Storage project.

March 25<sup>th</sup> - Under the direction of Metro Councilman, Scott Wilson, a meeting with the Civic Association was held to discuss the status of the SSO Program along with projects specific to District 4.

**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Summary of Activity Totals**  
**January 1 - March 31, 2010**

Summary of Activities	1st Quarter (32)		2nd Quarter (33)		3rd Quarter (34)		4th Quarter (35)		Totals		
	32th Quarterly Total	Cum. % Complete	33th Quarterly Total	Cum. % Complete	34th Quarterly Total	Cum. % Complete	35th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
	<b>Gravity Collection System (8,510,000ft/38,000MH)</b>										
Lines Cleaned (ft)	408,304	72%	0	72%	0	72%	0	72%	408,304	72%	570,000
CCTV Inspected (ft)	264,398	46%	0	46%	0	46%	0	46%	264,398	46%	570,000
Smoke Tested (ft)	133,953		0		0		0		133,953		-----
Smoke Tested (no. of locations)	7		0		0		0		7		-----
Dye Water Flooded (no. of locations)	7		0		0		0		7		-----
Manholes Inspected (no.)	1,814	73%	0	73%	0	73%	0	73%	1,814	73%	2,500
Lines Repaired (no.)	656		0		0		0		656		-----
MH Rehabbed (no.)	358		0		0		0		358		-----
<b>Force Mains (240 miles)</b>											
Visual Surface Inspection (miles)	50.5	42%	0.0	42%	0.0	42%	0.0	42%	50.5	42%	120
Repaired (no.)	29		0		0		0		29		-----
<b>Air Release Valves (604)</b>											
Inspected/Maintained	315	33%	0	33%	0	33%	0	33%	315	33%	960 to 1,200
Repaired (no.)	145		0		0		0		145		-----
<b>Pump &amp; Lift Stations (421)</b>											
Inspections (no.)	17,214	38%	0	38%	0	38%	0	38%	17,214	38%	45,136
Wet wells cleaned	151		0		0		0		151		-----
Repaired (no.)	21		0		0		0		21		-----
<b>Peak Flow Storage Facilities (2)</b>											
Little Peak site visits	38	37%	0	37%	0	37%	0	37%	38	37%	104
Big Peak site visits	38	37%	0	37%	0	37%	0	37%	38	37%	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  
January 1 - March 31, 2010**

**North Plant- LA0036439**

Summary of Activities	1st Quarter (EPA Report No. 32)						2nd Quarter (EPA Report No. 33)							
	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	
<b>Gravity Collection System</b> (2,460,000ft/10,640MH)														
Lines Cleaned (ft)		34,028				214,629	248,657	44%					0	44%
CCTV Inspected (ft)						214,629	214,629	38%					0	38%
Smoke Tested (ft)						21,411	104,088						0	
Smoke Tested (no. of locations)						7	7						0	
Dye Water Flooded (no. of locations)						7	7						0	
Manholes Inspected (no.)						72	978	42%					0	42%
Lines Repaired (no.)		67				175	242						0	
MH Rehabbed (no.)		12				10	22						0	
<b>Force Mains (120 miles)</b>														
Visual Surface Inspection (miles)														
Repaired (no.)		2					35.5	30%					0	30%
<b>Air Release Valves (335)</b>														
Inspected/Maintained							19						0	
Repaired (no.)													0	
<b>Pump &amp; Lift Stations (141)</b>														
Inspections (no.)													0	12%
Wet wells cleaned							70						0	
Repaired (no.)							12						0	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
January 1 - March 31, 2010**

**Central Plant-LA0036421**

Summary of Activities	1st Quarter (EPA Report No. 32)					2nd Quarter (EPA Report No. 33)								
	WWC (w/AMP)		WWC-PS		Field Engr.- (Rout.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.- (Rout.)	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)				(Rout.)	(Corr.)	(Rout.)	(Corr.)			
<b>Gravity Collection System (1,410,000ft/5,760MH)</b>														
Lines Cleaned (ft)	15,304				8,734	24,038	4%						0	4%
CCTV Inspected (ft)					8,734	8,734	2%						0	2%
Smoke Tested (ft)			600		0	600							0	
Smoke Tested (no. of locations)			0		0	0							0	
Dye Water Flooded (no. of locations)			0		0	0							0	
Manholes Inspected (no.)			3		35	38	2%						0	2%
Lines Repaired (no.)	34					34							0	
MH Rehabbed (no.)	6					6							0	
<b>Force Mains (10 miles)</b>														
Visual Surface Inspection (miles)						0.0	0%						0.0	0%
Repaired (no.)						0							0	
<b>Air Release Valves (18)</b>														
Inspected/Maintained						0	0%						0	0%
Repaired (no.)						0							0	
<b>Pump &amp; Lift Stations (21)</b>														
Inspections (no.)						836	2%						0	2%
Wet wells cleaned						7							0	
Repaired (no.)						0							0	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
January 1 - March 31, 2010**

**South Plant-LA0036412**

Summary of Activities	1st Quarter (EPA Report No. 32)					2nd Quarter (EPA Report No. 33)										
	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Field Engr.-contr. (Rout.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr. (Rout.)	Field Engr.-contr. (Rout.)	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)					(Rout.)	(Corr.)	(Rout.)	(Corr.)				
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>																
Lines Cleaned (ft)		94,574					41,035	135,609	24%						0	24%
CCTV Inspected (ft)						41,035	41,035	41,035	7%						0	7%
Smoke Tested (ft)					7,854		7,854	7,854							0	
Smoke Tested (no. of locations)							0	0							0	
Dye Water Flooded (no. of locations)							0	0							0	
Manholes Inspected (no.)					38		688	726	29%						0	29%
Lines Repaired (no.)		203					177	380							0	
MH Rehabbed (no.)		36					294	330							0	
<b>Force Mains (110 miles)</b>																
Visual Surface Inspection (miles)						15.0		15.0	13%						0.0	13%
Repaired (no.)		7					1	8							0	
<b>Air Release Valves (251)</b>																
Inspected/Maintained						115		115	12%						0	12%
Repaired (no.)							80	80							0	
<b>Pump &amp; Lift Stations (259)</b>																
Inspections (no.)						10,754		10,754	24%						0	24%
Wet wells cleaned						74		74							0	
Repaired (no.)							9	9							0	
<b>Peak Flow Storage Facilities (2)</b>																
Little Peak site visits						38		38	37%						0	37%
Big Peak site visits						38		38	37%						0	37%

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

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<b>CROSS CONNECTION ELIMINATION PLAN</b>	<b>A</b>
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<b>SANITARY SEWER OVERFLOW RESPONSE PLAN (SSORP)</b>	<b>C</b>
<b>REPORTING OF UNAUTHORIZED DISCHARGES</b>	<b>D</b>
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**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 133,953 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.

<b>Summary</b>	<b>North Plant LA0036439 AI# 4843</b>	<b>Central Plant LA0036421 AI# 4842</b>	<b>South Plant LA0036412 AI# 4841</b>	<b>Total</b>
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**

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

The City/Parish  [is]  [is not] in compliance with Section VIII Elimination of Cross Connections for the period 01 / 1 / 10 to 03/ 31 / 10. 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**

	<b>Quarterly Total Jan.-Mar. 2010</b>	<b>Cumulative 2010 Annual Total</b>	<b>2010 Annual Goal</b>
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	408,304	408,304	<b>570,000</b>
CCTV Inspected (ft)	264,398	264,398	<b>570,000</b>
Smoke Tested (ft)	133,953	133,953	----
Smoke Tested (no. of locations)	7	7	----
Dye Water Flooded (no. of locations)	7	7	----
Manholes Inspected (no.)	1,814	1,814	<b>2,500</b>
Lines Repaired (no.)	656	656	----
MH Rehabbed (no.)	358	358	----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	50.5	50.5	<b>120</b>
Repaired (no.)	29	29	----
<b>Air Release Valves (604)</b>			
Inspected / Maintained	315	315	<b>960 to 1,200</b>
Repaired (no.)	145	145	----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	17,214	17,214	<b>45,136</b>
Wet wells cleaned	151	151	----
Repaired (no.)	21	21	----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits	38	38	<b>104</b>
Big Peak site visits	38	38	<b>104</b>

\*\* 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 01/ 01 / 10 to 03/ 31 / 10. 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 Jan. –Mar. 2010</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	241,629	34,028	248,657
CCTV Inspected (ft)	214,629	0	214,629
Smoke Tested (ft)	125,499	0	125,499
Smoke Tested (no. of locations)	7	0	7
Dye Water Flooded (no. of locations)	7	0	7
Manholes Inspected (no.)	1,050	0	1,050
Lines Repaired (no.)	175	67	242
MH Rehabbed (no.)	10	12	22
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	35.5	0	35.5
Repaired (no.)	19	2.2	21
<b>Air Release Valves (335)</b>			
Inspected / Maintained	200	0	200
Repaired (no.)	0	65	65
<b>Pump &amp; Lift Stations (141)</b>			
Inspections (no.)	5,624	0	5,624
Wet wells cleaned	70	0	70
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 Jan.– Mar. 2010</u>
<b>Gravity Collection System (1,410,000ft/5,760MH)</b>			
Lines Cleaned (ft)	8,734	15,304	24,038
CCTV Inspected (ft)	8,734	0	8,734
Smoke Tested (ft)	600	0	600
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	38	0	38
Lines Repaired (no.)	0	34	34
MH Rehabbed (no.)	0	6	6
<b>Force Mains (10 miles)</b>			
Visual Surface Inspection (miles)	0	0.0	0.0
Repaired (no.)	0	0	0
<b>Air Release Valves (18)</b>			
Inspected / Maintained	0	0	0
Repaired (no.)	0	0	0
<b>Pump &amp; Lift Stations (21)</b>			
Inspections (no.)	836	0	836
Wet wells cleaned	7	0	7
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 Jan - Mar. 2010</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	41,035	94,574	135,609
CCTV Inspected (ft)	41,035	0	41,035
Smoke Tested (ft)	7,854	0	7,854
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	726	0	726
Lines Repaired (no.)	177	203	380
MH Rehabbed (no.)	294	36	330
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	15.0	0.0	15.0
Repaired (no.)	1	7	8
<b>Air Release Valves (251)</b>			
Inspected / Maintained	115	0	115
Repaired (no.)	0	80	80
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	10,754	0	10,754
Wet wells cleaned	74	0	74
Repaired (no.)	0	9	9
<b>Peak Flow Storage Facilities (2)</b>			
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 27 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 except one. This overflow occurred at the South Wastewater Treatment plant during a heavy rain event as soon as the overflow was detected by management a notification letter was sent to LaDEQ and EPA. The employee responsible for this over site was disciplined. There were no problems encountered in following the SSO Response Plan. The City/Parish was in compliance with the Collection System Preventive Maintenance Program.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	7
Central Plant-LA0036421 AI # 4842 Collection System	1
South Plant-LA0036412 AI# 4841 Collection System	19
<b>Total</b>	<b>27</b>

\*\* 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 01/ 1 / 10 to 03 / 31 / 10. If not, see comments above.

**BYPASS / OVERFLOW REPORT**

001

SOUTH TREATMENT PLANT  
LPDES PERMIT NO. LA0036412  
AGENCY INTEREST # 4841

FILE COPY  
*(no information)*

DATE SUBMITTED 2/10/10

PLANT ADDRESS: 2850 GARDERE LANE, BATON ROUGE, LA 70820

GEOGRAPHIC LOCATION: LAT. 30° 20' 27" N LONG. 91° 08' 52" W

RECEIVING STREAM: MISSISSIPPI RIVER

BEGINNING BYPASS DATE: 1/20/10 TIME: \_\_\_\_\_ (A.M.) (P.M.)

ENDING BYPASS DATE: 1/20/10 TIME: \_\_\_\_\_ (A.M.) (P.M.)

DURATION OF BYPASS: HOURS \_\_\_\_\_ MINUTES \_\_\_\_\_

TYPE OF BYPASS: <sup>OVERFLOW</sup> TRICKLING FILTER DISTRIBUTION BOX.

METER READINGS:	<u>BEGIN</u>	<u>FLOW</u>	<u>END</u>	<u>FLOW</u>	<u>TOTAL</u>
GRAVITY	_____	_____	_____	_____	_____ MG
TOTALIZER #1	_____	_____	_____	_____	_____ MG
FORCE MAIN	_____	_____	_____	_____	_____ MG
TOTALIZER #2	_____	_____	_____	_____	_____ MG
TOTAL =					_____ MG

TOTAL GALLONS TO PLANT SITE DURING BYPASS: \_\_\_\_\_ MG

TOTAL No. OF GALLONS RECEIVING PRIMARY TREATMENT \_\_\_\_\_ MG

TOTAL No. OF GALLONS RECEIVING SECONDARY TREATMENT \_\_\_\_\_ MG

TOTAL No. OF GALLONS RECEIVING ONLY PRIMARY TREATMENT \_\_\_\_\_ MG

TOTAL No. OF GALLONS RECEIVING NO TREATMENT \_\_\_\_\_ MG

REASON FOR <sup>OVERFLOW</sup> BYPASS: DURING A RAIN EVENT THAT CAUSED THE PLANT FLOW TO EXCEED 72 MGD, THE OPERATOR FAILED TO PUT THE FORCE MAIN FILTERS IN SERVICE, CAUSING THE BOX TO OVERFLOW.

CORRECTIVE ACTIONS: PUT THE FORCE MAIN TRICKLING FILTERS IN SERVICE.

COMMENTS: THE OPERATOR FAILED TO COLLECT A TIME, FLOW AND SAMPLE FOR THE OVERFLOW.

Hugh Jayh  
PLANT SUPERVISOR'S SIGNATURE

**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.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	7
Central Plant-LA0036421 AI # 4842 Collection System	1
South Plant-LA0036412 AI# 4841 Collection System	19
<b>Total</b>	<b>27</b>

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

There were no unusual SSOs, but there were four unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. All four events occurred during either schedule power outages required during construction at the South Wastewater Treatment plant or unscheduled power failures due to a malfunction at the Entergy substation supplying power to the North Wastewater Treatment Plant. (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 01/ 01 / 10 to 03/ 31 / 10. If not, see comments above.

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

01/01/2010 to 03/31/2010

NORTH Sewer District Collection System LPDES LA0036439A1# 4843

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
2/4/2010	5353 Lemonwood	The heavy rain event caused manhole 024-00198 to overflow.	Recorded sewage discharge. Deodorized and disinfected site.	Periodic maintenance check scheduled daily for pump station #24.	None	400	24	43	300	NA
2/4/2010	12124 Englewood	The heavy rain event caused manhole 045-05006 to overflow.	Recorded sewage discharge. Deodorized and disinfected site.	Periodic maintenance check scheduled daily for pump station 45.	None	500	45	43	300	NA
2/4/2010	12256 Englewood	The heavy rain event caused manhole 045-00295 to overflow.	Recorded sewage discharge. Deodorized and disinfected site.	Periodic maintenance check scheduled daily.	None	500	45	43	300	NA
3/12/2010	16842 Weyanoke	There was a stoppage in the main collection line which caused a manhole to overflow.	A crew pumped sewer from the storm drain into the main collection line and the location was deodorized.	A crew smoke tested the area and found a break in the 6" service line.	None	1000	500	159	180	7.35
3/24/2010	8573 Greenwell Springs Rd.	There was a stoppage in the main collection line which caused manhole number 055-00105G to overflow.	Unit 971 and unit 911 cleared the stoppage and sanitized the area.	The collection line will be treated with grease away and washed regularly.	None	200	55	279	192	6.96

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

01/01/2010 to 03/31/2010

CENTRAL Sewer District Collection System LPDES LA0036421A1# 4842

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
3/15/2010	3299 College Dr.	There was a stoppage in the main collection line which caused manhole number 005-04054 overflow.	A unit came to clear the stoppage in the city collection line and the location was deodorized.	The collection line must be inspected regularly.	None	100	5	248	360	6.97



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

01/01/2010 to 03/31/2010

SOUTH Sewer District Collection System LPDES LA0036412 A/#4841

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
2/5/2010	3046 Carmen Dr.	There was a stoppage in the City Parish main collection line which caused manhole 058-01574 to overflow.	The stoppage was cleared from the main collection line. The area was cleaned and deodorized.	This collection line will be washed and degreased periodically.	None	500	58	26	146	6.61
2/15/2010	12934 Woodshire Pl	Pump station 136 went off line. A plugged collection line was unplugged due to the pumpstation failure.	A pump mechanic was called to repair pump station 136. The collection line was also replugged.	Periodic maintenance check scheduled daily for pump station #136.	None	300	136	103	164	7.16
2/5/2010	13916 Tonya Dr.	The heavy rain event caused manhole 156-00010 to overflow.	Recorded sewage discharge. Deodorized and disinfected site.	Periodic maintenance check scheduled daily for pump station #156.	None	300	156	46	144	6.83
2/22/2010	13614 Cypress Ridge	There was a stoppage in the City Parish main collection line which caused the man hole to overflow.	Unit 900 cleared the stoppage in the collection line. The area was also washed with fresh water and deodorized.	This collection line will be checked regularly for stoppages.	None	300	219	75	286	7.12
2/5/2010	5943 Woodlawn Ct.	The heavy rain event caused manhole 274-00206 to overflow.	Recorded sewage discharge. Deodorized and disinfected site.	Periodic maintenance check scheduled daily for pump station #274.	None	500	274	46	144	6.83
3/2/2010	1341 Millerville	There was a stoppage in the main collection line which resulted in sewer discharging from a manhole number 104-00050.	Wastewater Collection cleared the main collection line and made repairs to manhole number 104-00050.	This collection line will be inspected periodically for any stoppages.	None	400	104	68	110	7.04
3/3/2010	9453 Old Hermitage	Pump station 304 failed causing man hole number 304-00088 to overflow.	A pump mechanic was called to inspect and fix pump station 304. The pump station was repaired and put back online.	A daily inspection of pump station 304 will be done.	None	2200	304	77	152	7.02

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

01/01/2010 to 03/31/2010

SOUTH Sewer District Collection System LPDES LA0036412 A/#4841

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
3/5/2010	2834 S. Sherwood Forest	There was a stoppage in the main collection line which caused manhole number 135-00056 it overflow.	The stoppage was cleared. Also the area was washed with fresh water and deodorized.	The collection line will be inspected frequently for stoppages.	None	100	135	135	182	7.04
3/5/2010	3029 S. Sherwood Forest	There was a stoppage in the main collection line which caused manhole number 135-00064 it overflow.	The stoppage was cleared. Also the area was washed with fresh water and deodorized.	The collection line will be inspected frequently for stoppages.	None	100	135	135	182	7.04
3/22/2010	19152 Beaujolaes	Wastewater Collection called a pump mechanic to check pump station 400 because the collection lines were all full all the way to the pump station.	The pump mechanic repaired the pump station and put the pump station back online. The area around manhole number 400-00008 was washed and deodorized.	Pump station 400 will be checked often for and mechanical failures.	None	500	400	184	90	7.05
3/22/2010	18949 Beaujolaes	Wastewater Collection called a pump mechanic to check pump station 400 because the collection lines were all full all the way to the pump station.	The pump mechanic repaired the pump station and put the pump station back online. The area around manhole number 400-00008 was washed and deodorized.	Pump station 400 will be checked often for and mechanical failures.	None	500	400	184	90	7.05
3/26/2010	12836 Country Ridge	There was a stoppage in the main collection line which caused manhole number 148-00046 to overflow.	Unit 911 cleared the stoppage and sanitized the area.	The collection line will be treated with grease away and washed regularly.	None	150	148	129	294	6.96
3/26/2010	12806 Country Ridge	There was a stoppage in the main collection line which caused manhole number 148-00045 to overflow.	Unit 911 cleared the stoppage and sanitized the area.	The collection line will be treated with grease away and washed regularly.	None	100	148	129	294	6.96
3/26/2010	16021 Derby	There was a stoppage in the main collection line which caused manhole number 283-00026 to overflow.	Unit 971 cleared the stoppage and sanitized the area.	The collection line will be treated with grease away and washed regularly.	None	100	283	129	294	6.96



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

January 19, 2010

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 January 14, 2010, beginning at 0630 hours and ending at 0700 hours for a total duration of 30 minutes. During this time, an estimated 524,790 gallons of wastewater received both primary and secondary treatments before overflowing onto the plant grounds.

This overflow at trickling filters #1 - #4 was due to plant outage to plug and remove a 30" recycle line at the trickling filter splitter box. When the power was restored, the plant experienced a power surge resulting in heavy flow. 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

February 3, 2010

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

FILE COPY

Dear Ms. Gooden-Jackson:

We had an overflow at the South Treatment Plant which occurred on January 31, 2010, beginning at 0720 hours and ending at 0735 hours for a total duration of 15 minutes. During this time, an estimated 211,000 gallons of wastewater received only primary treatment before overflowing onto the plant grounds.

This overflow at the old effluent pump station was due to a power failure caused by an existing electrical duct bank caving in due to new construction activities. The plant electrician restored the power to the plant and a private contractor will make the necessary permanent repairs. 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)

OVERFLOW AT THE SOUTH TREATMENT PLANT LA0036412 AI# 4841.txt

From: Pat Smith

Sent: Thursday, February 11, 2010 9:18 AM

To: SPOC; GOODEN-JACKSON.GLADYS@EPA.GOV

Cc: Mitch O'brien; Warren Brandon; Garcia Dialekwa; Cheryl Berry; Hugh Taylor

Subject: OVERFLOW AT THE SOUTH TREATMENT PLANT LA0036412 AI# 4841

We had an overflow at the South Treatment Plant - LA0036412 AI# 4841 2850 Gardere Lane Baton Rouge, LA 70821

Beginning Date: January 20, 2010  
Beginning Time:

Ending Date: January 20, 2010  
Ending Time:

This overflow happened during a rain event that caused the plant to exceed 72 MGD. The operator failed to put the force main filters in service, causing the splitter box to overflow. Also, the operator failed to collect a time, flow and sample for the overflow.

Patricia A. Smith, Administrative Specialist II City of Baton Rouge Wastewater Laboratory  
(225) 389-3240

~~Pat Smith~~

*7.6 Letter Required*  
*1,755 gals*  
*PS*

**From:** Pat Smith  
**Sent:** Wednesday, March 10, 2010 9:41 AM  
**To:** 'SPOC'; 'GOODEN-JACKSON.GLADYS@EPA.GOV'  
**Cc:** Cheryl Berry; Garcia Dialekwa; Mitch O'brien; Warren Brandon; Hugh Taylor  
**Subject:** LA0036412 AI# 4841 OVERFLOW

South Treatment Plant  
2850 Gardere Lane  
Baton Rouge, LA 70821  
LA00a36412  
AI# 4841

We had an overflow at the South Treatment Plant:

Beginning Date: 3-9-2010  
Beginning Time: 2130 hours

Ending Date: 3-9-2010  
Ending Time: 2135 hours

This overflow at the Snail Removal Process Unit was caused by a malfunction in the #4 snail screen motor. An undetermined amount of wastewater overflowed onto the plant ground. We will submit an official report within the allotted time.

Patricia A. Smith, Administrative Specialist II City of Baton Rouge Wastewater Laboratory  
(225) 389-3240

South Treatment Plant  
2850 Gardere Lane  
Baton Rouge, LA 70821  
LA0036412  
AI# 4841

We had an Overflow at the South Treatment Plant:

Beginning Date: 3-31-10

Beginning Time: 1350

Ending Date: 3-31-10

Ending Time: 1355

This Overflow at the Gravity Grit Building Manhole was caused by timers on the pumps being out of calibration. The plant Electrician recalibrated the timers on the pumps and normal operations resumed. An estimated 500 gals of raw wastewater overflowed onto plant grounds. If further information is needed, please let us know. Thanks.

Mitch O'Brien  
City of Baton Rouge  
Wastewater Laboratory Supervisor  
(225)389-3240

Patricia A. Smith, Administrative Specialist II  
City of Baton Rouge  
Wastewater Laboratory  
(225) 389-3240



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

March 22, 2010

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

FILE COPY

Attention: Gladys Gooden-Jackson

Re: LPDES Permit No. LA0036439  
AI # 4843  
Bypass

Dear Ms. Gooden-Jackson:

We had a bypass at our North Treatment Plant which occurred on March 20, 2010, beginning at 2300 hours and ending on March 21, 2010, at 0230 hours for a total duration of 3 hours and 30 minutes. During this time, an estimated 1,430,000 gallons of wastewater arrived at the plant. Of this amount, an estimated 1,050,000 gallons received both chlorination and primary treatment and 380,000 gallons received only chlorination.

This bypass was due to a loss of power to the plant. The local utility company (Entergy) restored power and normal operations resumed. 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  
David White, Wastewater Treatment Plant Supervisor (NTP)





## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

March 23, 2010

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

Re: LPDES Permit No. LA0036439  
AI # 4843  
Bypass

FILE COPY

Dear Ms. Hatch:

We had a bypass at our North Treatment Plant which occurred on March 21, 2010, beginning at 1030 hours and ending at 1145 hours for a total duration of 1 hour and 15 minutes. During this time, an estimated 662,000 gallons of wastewater arrived at the plant. Of this amount, an estimated 502,000 gallons received both chlorination and primary treatment and 160,000 gallons received only chlorination.

This bypass was due to electrical problems in the plant. A private contractor (Vector Electric and Controls, Inc.) made the necessary repairs and normal operations resumed. 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  
David White, Wastewater Treatment Plant Supervisor (NTP)

**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 Primary Basin #2, Sludge Pumps P-203, P-2004, and P-2005, Primary Effluent Pump P-210 and P-2008 were all out of service due to mechanical or electrical issues. Trickling Filters #5 and #8, Final Clarifiers #5 - #8, Primary Basins #4, #5 and #6, were out of service due to schedule outages by the contractor, for the Immediate Action Plan Construction Projects. Further noncompliance is not anticipated.

SWWTP	Permit Level	1 <sup>st</sup> Quarter 2010			Stipulated Penalty		
		Jan	Feb	Mar.	# of Occurrences	Per Occurrence	Total
<b><u>BOD</u></b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	37	C	37	2	\$2,500	\$5,000
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	63	66	72	3	\$2,500	\$7,500
<b><u>TSS</u></b>							
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			
<b><u>TRC</u></b>							
Monthly Max (mg/l)	0.46	C	C	C			
<b><u>Fecal Coliform</u></b>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
<b>Total</b>							<b>\$12,500</b>

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. The repairs to Primary Basin #1 and #2 were completed on April 2, 2010. The construction project for repairs to the Grit removal system will bid on April 13, 2010. The pump required for the Snail Screen repair will be delivered on May 14, 2010, in-house crews will install. Further noncompliance is not anticipated.

CWWTP	Permit Level	1 <sup>ST</sup> Quarter 2010			Stipulated Penalty		
		Jan	Feb	Mar.	# of Occurrences	Per Occurrence	Total
<b>BOD</b>							
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%	65	68	C	2	\$2,500	\$5,000
<b>TSS</b>							
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			
<b>TRC</b>							
Monthly Max (mg/l)	0.46	C	C	C			
<b>Fecal Coliform</b>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
<b>Total</b>							<b>\$5,000</b>

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 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 \$5,000. Non-compliance was due to operational issues at the North Wastewater Treatment Plant.

During this reporting period several plant processes were taken off line and cleaned due to heavy sand infiltration. There are a large number of rehabilitation projects currently occurring up stream of the treatment plant, we expect this type of cleaning process will be need again in the future. In the month of March the plant experienced two power outages, the first outage was due to a power failure at the Entergy substation, supplying power to the entire plant. The second failure occurred the next day when a current balance relay switch failed in the main motor control center. Entergy made repairs to the substation and the owner’s contractor replace the relay switch. Further noncompliance is not anticipated.

NWWTP	Permit Level	1 <sup>st</sup> Quarter 2010			Stipulated Penalty		
		Jan	Feb	Mar.	# of Occurrences	Per Occurrence	Total
<b>BOD</b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	37	1	\$2,500	\$2,500
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	70	C	1	\$2,500	\$2,500
<b>TSS</b>							
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			
<b>TRC</b>							
Monthly Max (mg/l)	0.46	C	C	C			
<b>Fecal Coliform</b>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
<b>Total</b>							<b>\$5,000</b>

C-Compliance

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 01/ 01 / 10 to 03 / 31 / 10. If not, see comments above.