



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 26

---

**October 17, 2008**



## Department of Public Works

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

October 24, 2008

### 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  
Twenty Sixth Quarterly Report - **Period Ending September 30, 2008**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 26<sup>th</sup> Consent Decree Quarterly Report covering activities for the quarter ending September 30, 2008. 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

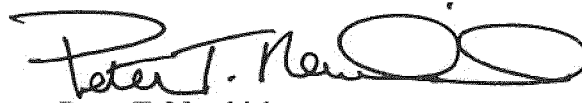
These activities are described in Sections VIII, IX, X, XI, XX and XXI of the Consent Decree.

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 26<sup>th</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 Twenty Sixth 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, appearing to read "Peter T. Newkirk". The signature is stylized with a large, looped "P" and "N".

Peter T. Newkirk  
Director of Public Works

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

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

2443 River Road  
Baton Rouge, LA 70802

**Date:** October 17, 2008

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

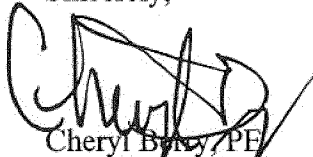
**From:** Mrs. Cheryl P. Berry, P.E., Wastewater Treatment and Disposal Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Twenty Sixth Quarterly Report – Period Ending September 30, 2008  
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 Twenty Sixth 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 Twenty Sixth 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.

Garcia Dialekwa

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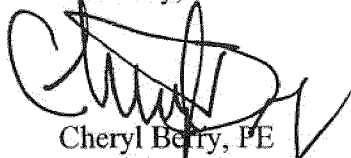
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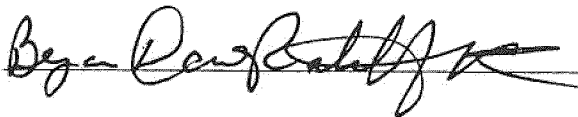
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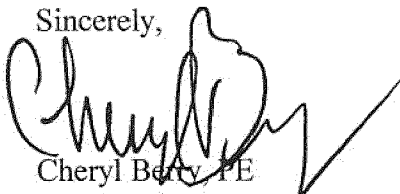
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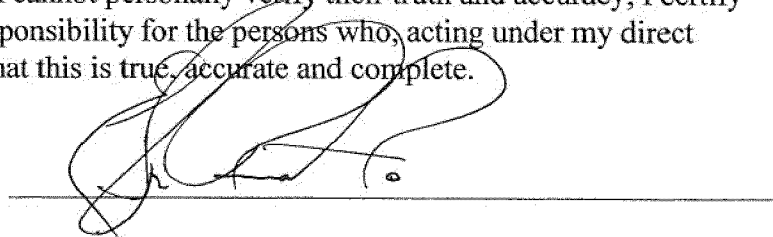
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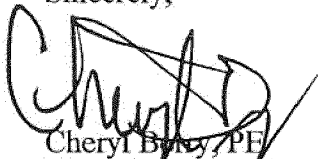
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# 26<sup>th</sup> Quarterly Report Executive Summary

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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. The following Quarterly Progress Report is hereby submitted to fulfill the reporting requirements described in Section XVIII - Reporting, of the Consent Decree. The sections in this Executive Summary and in the rest of this Quarterly Report highlight the work associated with the Consent Decree that took place during the quarter ending September 30, 2008.

## 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 September 30, 2008)

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 25<sup>th</sup> Quarterly EPA Report (report data from period ending June 30, 2008) on July 25, 2008.
- City/Parish and CH2M HILL submitted the wastewater treatment plant (WWTP) consolidation memorandum (titled *EPA Memorandum – Consolidation of South and Central Wastewater Treatment Plants in Baton Rouge, Louisiana*) to the DOJ/EPA/LDEQ on August 6, 2008.
- City/Parish and CH2M HILL met in Dallas, Texas on August 6, 2008 with representatives from the EPA, LDEQ (by teleconference), and DOJ (by teleconference) to discuss the South WWTP and Central WWTP Consolidation Plan.
- CH2M HILL met with LDEQ on August 28, 2008 to discuss in more detail the effects of the South WWTP and Central WWTP Consolidation Plan on the South WWTP performance.
- City/Parish and CH2M HILL submitted the revised *Second Remedial Measures Action Plan (RMAP2) Report* to DOJ/EPA/LDEQ on September 1, 2008.

## Recent Regulatory Actions (September 30<sup>th</sup> through October 17<sup>th</sup>)

- City/Parish was notified during a phone conversation that DOJ/EPA/LDEQ verbally approves and supports the modified *RMAP2 Report* submitted in September 2008 which includes closing the Central WWTP. However, they all also agreed that it is major modification of the Consent Decree requiring court approval and have already begun the process and the 45 day comment period is to begin soon.

## Pending Action Items

- EPA to send City/Parish an approval letter of the RMAP2 and related Consent Decree certifications for review and approval.
- 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 and

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

**TABLE 1**  
EPA and LDEQ Submittal History

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

## **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 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 they 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 has been granted at this time 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). It is requested that the formal approval from the EPA/LDEQ for these RMAP1 project milestones be received by the City/Parish in the near future. Until the time the approval is received, the City/Parish and CH2M HILL are actively moving forward with the execution of these RMAP1 projects.

The current status of the RMAP1 projects in progress is presented in Table 1 below. 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).

**TABLE 1**  
*EPA Consent Decree Summary and Proposed RMAP1 Milestones*

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

**TABLE 1**

*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				
	**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)			Project suspended. Evaluating for inclusion in RMAP2 Plan. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2			Project suspended. Evaluating for inclusion in RMAP2 Plan. Project is included as RMAP2: Choctaw Storage PS.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades			Project suspended. Evaluating for inclusion in RMAP2 Plan. 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			Project suspended. Evaluating for inclusion in RMAP2 Plan. 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

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*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			
<b>RMAP1 Projects</b>				
				of the Master Plan.
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		Date TBD	80% complete with construction. Project in dispute.
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		Completed 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	Design finalized. Permit for gas company pipeline crossing expected to be obtained 4 <sup>th</sup> quarter 2008. Land acquisition expected to be completed 4 <sup>th</sup> quarter 2008. It is expected that bids will be advertised 1 <sup>st</sup> quarter 2009.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 <sup>nd</sup> Quarter 2010	Design finalized. Advertised for bids and pre-bid meeting took place in July 2008. Bid opening August 2008. Construction Contractor selected. Parish Attorney and Mayor expected to review/approve and sign the contract and construction is expected to begin in 4 <sup>th</sup> quarter 2008.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2nd Quarter 2010	Final design submitted to DPW for review. Additional servitude acquisition on-going. Advertise for bids expected in 4 <sup>th</sup> quarter 2008.
*Notes: This project was executed as a combination of two RMAP1 projects				
**Notes: These projects were added as RMAP1 projects by the City/Parish after entry into the Consent Decree				
***Notes: This RMAP1 project was split up into multiple projects for better execution				

## **RMAP2 Project Descriptions and Schedule for Completion**

The City/Parish and CH2M HILL are actively moving forward with the execution of the RMAP2 projects included herein, anticipating the approval of the corresponding RMAP2 Submittal September 2008 by the EPA and LDEQ. The City/Parish has advised the EPA and LDEQ that an expeditious review and approval of this submission is needed in order to maintain compliance schedules for dozens of projects that are dependent on each other in the critical path project schedule. Many of these RMAP2 projects are currently underway due to the tight schedule required by the Consent Decree. As presented in this submittal, the RMAP2 project milestone schedules presented in this communication 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 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 reports to the EPA.

The RMAP2 projects are separated into three categories with descriptions and schedules provided for all projects.

### Category 1: Comprehensive Sewer Basin Rehabilitation

Based on sewer system digital model analysis and flow monitoring, 26 sub-basins within the collection system require comprehensive rehabilitation. The areas requiring comprehensive rehabilitation are described herein in more detail than was available in the November 2006 RMAP2 submittal. Design and analysis of the first five (5) sub-basins is currently in progress. Rehabilitation is the primary method of removing excessive Infiltration/Inflow (I/I) from the collection system.

Table 2 presents the 26 category 1 comprehensive rehabilitation sub-basin projects and anticipated delivery milestone schedules. Status summaries are also provided for those projects already underway.

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

**TABLE 2**  
EPA Consent Decree RMAP2 Milestones for Category 1 Projects

	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	✓			Pre-bid meeting was held in July 2008. Construction contract awarded by DPW. Contractor agreement executed and returned to purchasing department. Parish Attorney and Mayor reviewed, approved and signed the agreement. A notice to proceed was issued to the Construction Contractor and a preconstruction meeting was held. Contractor began mobilizing on site. Construction expected to begin early 4 <sup>th</sup> quarter 2008.
Staring Lane - Boone Drive	✓			Contractor finalized and completed cleaning and physical inspection (CCTV, smoke testing, manhole inspection, etc.) of sewers. Contractor submitted physical inspection data. Field reconnaissance and basin observations are completed. Draft Basin Characterization Report completed. QA/QC reviews of report in ongoing. It is expected that the Basin

**TABLE 2**  
EPA Consent Decree RMAP2 Milestones for Category 1 Projects

	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				
				Characterization Report will be finalized, and the survey and design is to begin 4 <sup>th</sup> quarter 2008.
Gardere Lane - Burbank Road	✓			Field inspection (CCTV, smoke testing, manhole inspection, etc.) completed/submitted by contractor. Field inspection data review and analysis is complete. Basin characterization report submitted and finalized. Design/survey consultant selected. Contract negotiated and notice to proceed was issued. Design ongoing. Design expected to be completed and advertise for bids 4 <sup>th</sup> quarter 2008.
Oak Villa Blvd - Choctaw Street	✓			Work order issued for cleaning and inspection (CCTV, smoke testing, manhole inspection, etc.) work. Contractor cleaning and inspection field work is ongoing. Basin observations and field reconnaissance is ongoing. Began data analysis and basin characterization. Contractor is expected to complete the cleaning and inspection work sometime next quarter. The basin observations/field reconnaissance is to be completed sometime during the 4 <sup>th</sup> quarter 2008.
Scotland Avenue - Progress Road	✓			Work order issued for cleaning and inspection (CCTV, smoke testing, manhole inspection, etc.) work. Cleaning and inspection (CCTV, smoke testing, manhole inspection, etc.) is ongoing.
Elm Grove Garden Road - Harding Blvd	✓			
Sharp Road - Florida Blvd	✓			
Kenilworth Blvd - Boone Drive	✓			
Foster Drive - Government Street	✓			
Silverleaf Road - Ford Street	✓			
Brookstown Road - Evangeline Street	✓			
Bluebonnet Blvd - Jefferson Hwy		✓		
Highland Road - Washington Street	✓			
Stanford Avenue - Morning Glory Road	✓			
Airline Highway - Goodwood Blvd		✓		
Acadian Thruway - Claycut Road	✓			
Acadian Thruway - Perkins Road	✓			

**TABLE 2**  
**EPA Consent Decree RMAP2 Milestones for Category 1 Projects**

	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summary</b>
<b>Milestone Date</b>	<b>4th QTR 2012</b>	<b>1st QTR 2014</b>	<b>4th QTR 2014</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Project Descriptions RMAP2 Projects</b>				
Antioch Road - Chadsford Drive		✓		
Jones Creek Road - Tiger Bend Road		✓		
Scenic Highway - Spanish Town Road			✓	
Siegen Lane - Interstate 10		✓		
Interstate 110 - Hollywood Street		✓		
Ardenwood Drive - Winbourne Street			✓	
Flannery Road - Florida Blvd			✓	
East Boulevard - Government Street			✓	
North 38th Street - Gus Young Avenue			✓	



## Category 2: Pump Station and Transmission Improvements

The Infoworks digital wastewater model was used to identify necessary increases in capacity of existing gravity trunk sewers, pump stations, and transmission mains in order to accommodate peak wastewater flows remaining in the rehabilitated collection system. Table 3 presents a list of category 2 projects with project delivery milestone schedules. Project status summaries are provided for those projects already underway.

**TABLE 3**  
EPA Consent Decree RMAP Milestones for Category 2 Projects  
*All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013*

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions RMAP2 Projects				
Capital Lake Drive - Gayosa Street	✓			Design consultant selected. Notice to Proceed for design issued to the consultant in July 2008. Preliminary design has begun and a preliminary route has been recommended. It is expected that approval will be granted for the preliminary route and the rest of the preliminary engineering phase of the project will be completed 4 <sup>th</sup> quarter 2008.
Gurney Road - Joor Road	✓			90% design submitted, reviewed, and approved. Final design package was submitted in August 2008. The project was advertised and bids were received in September 2008. Recommendation of award and construction contract review/approval is expected to be granted in 4 <sup>th</sup> quarter 2008. Construction is also expected to begin 4 <sup>th</sup> quarter 2008.
Multiple Pump Stations - Lovett Road Area	✓			90% design submitted, reviewed, and approved. Final design package was submitted in August 2008. Additional servitudes are in the process of being acquired. The project is expected to be advertised in the 4 <sup>th</sup> quarter 2008.
Comite Road - Foster Road	✓			Project being designed and executed in two phases: Phase I and Phase II. Phase 1 - 30% design and 60% design packages have been submitted and reviewed. Phase 1 - 90% design is ongoing and is expected to be finalized 4 <sup>th</sup> quarter 2008. Notice to proceed was issued to design consultant for Phase II and 30% design package was submitted and reviewed. Phase 2 - 60% design is ongoing and is expected to be finalized 4 <sup>th</sup> quarter 2008.
Foster Road - Hooper Road	✓			Design consultant submitted the 30% design package for review. The 60% design package was submitted and reviewed. The 90% and Final design packages are expected to be finalized and submitted 4 <sup>th</sup> quarter 2008.

**TABLE 3**

**EPA Consent Decree RMAP Milestones for Category 2 Projects**

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

	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summary</b>
<b>Milestone Date</b>	<b>4th QTR 2012</b>	<b>1st QTR 2014</b>	<b>4th QTR 2014</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Project Descriptions RMAP2 Projects</b>				
Red Mud Lakes		✓		Design Consultant selected. Design Notice to Proceed is expected to be issued early 4 <sup>th</sup> quarter 2008. Preliminary routing is expected to be completed, reviewed, and approved in 4 <sup>th</sup> quarter 2008.
South Boulevard - St. Joseph Street	✓			Design Consultant selected and negotiations completed. Notice to Proceed for design expected in 4 <sup>th</sup> quarter 2008. Design scheduled to begin 4 <sup>th</sup> quarter 2008.
Downtown Area - PS59 Improvements	✓			Project definition finalized. Design Consultant selection on-going and expected to be completed 4 <sup>th</sup> quarter 2008.
Downtown Area - PS15, PS19 & PS60 Improvements	✓			Finalized project definition and submitted to DPW for approval. Consultant negotiations expected to begin 4 <sup>th</sup> quarter 2008.
Highland Road - Buchanan Street	✓			Design Consultant selected and signed contract. Notice to Proceed for design expected 4 <sup>th</sup> quarter 2008. Preliminary routing is expecting to begin 4 <sup>th</sup> quarter 2008.
Citiplace/Essen Area - PS119 & Forcemain Improvements	✓			Design Consultant selected and signed their contract. Design Consultant Notice to Proceed is expected to be issued 4 <sup>th</sup> quarter 2008. Preliminary design to also expected to begin 4 <sup>th</sup> quarter 2008.
Group 1A - Veterans Memorial Parkway - Gravity Mains		✓		Finalized project definition package. Design consultant negotiations and selection expected to be completed 4th quarter 2008.
Group 1B - Veterans Memorial Parkway - PS FM		✓		Finalized project definition package. Design consultant negotiations and selection expected to be completed 4th quarter 2008.
Perkins/Old Perkins Area - Booster PS 514 Improvements		✓		
Group 2 - Small Pump Stations	✓			Completed project definition for the Jefferson Highway/Highland Road area pump station improvements portion of the project. Design consultant selection/negotiations anticipated to begin 4 <sup>th</sup> quarter 2008.
Highland Road - Burbank Drive	✓			Design Consultant selected and negotiations completed. Notice to Proceed for design expected in 4 <sup>th</sup> quarter 2008. Design scheduled to begin 4 <sup>th</sup> quarter 2008.

**TABLE 3**

**EPA Consent Decree RMAP Milestones for Category 2 Projects**

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

	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summary</b>
<b>Milestone Date</b>	<b>4th QTR 2012</b>	<b>1st QTR 2014</b>	<b>4th QTR 2014</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Project Descriptions RMAP2 Projects</b>				
Nicholson Dr - Highland Rd - Perkins Rd		✓		
Perkins Road - Dahlia Street		✓		
25th Street - North Acadian Thruway	✓			
Government St - South Acadian Thruway		✓		
Plank Road - Kleinpeter Road		✓		
O'Neal Lane - Jones Creek Road		✓		
O'Neal Lane - Tiger Bend Road		✓		
Multiple PS - Nicholson Dr - Brightside Dr		✓		
PS 58A Overflow Pump Station		✓		
Staring Lane FM A - Burbank to Highland	✓			Design completed and is expected to advertise 4 <sup>th</sup> quarter 2008.
Staring Lane FM B - Highland to Perkins	✓			30% design submitted and comments received. 60% design expected to be submitted and reviewed 4 <sup>th</sup> quarter 2008.
Staring Lane FM C - Perkins to PS 58		✓		Survey completed.
Multiple PS - Jefferson Hwy - Park Forest Dr		✓		
Airline Highway - Jefferson Highway		✓		
Essen Lane - Interstate 12			✓	
Multiple PS - Highland Road - Kenilworth Parkway			✓	
Multiple PS - Florida Blvd - Sherwood Forest Blvd			✓	
Multiple PS - Plank Road - Thomas Road			✓	

**TABLE 3**

EPA Consent Decree RMAP Milestones for Category 2 Projects

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

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions RMAP2 Projects				
Multiple PS - Plank Road - Harding Boulevard			✓	
Multiple PS - Highway 61 - Plank Road			✓	
Multiple PS - Jones Creek Rd - Tiger Bend Rd			✓	
Airline Highway - Interstate 12			✓	
Florida Boulevard - Sherwood Forest Boulevard			✓	
Goodwood Boulevard - South Flannery Road			✓	
Joor Road - Greenwell Springs Road			✓	
Plank Road - Port Hudson Pride Road			✓	
Essen Lane - Highland Road			✓	
Oak Villa Boulevard - Monterey Boulevard			✓	
Lovett Road - Greenwell Springs Road			✓	
Highland Road - Lee Drive			✓	
Multiple PS - Hooper Rd - Greenwell Springs Rd			✓	
Multiple Booster PS - Hooper Rd - Lovett Rd			✓	
Multiple PS - Prescott Rd - Greenwell Springs Rd			✓	
Multiple PS - O'Neal Ln - S. Harrells Ferry Rd			✓	
Multiple PS - O'Neal Ln - S. Harrells Ferry Rd			✓	
Airline/Florida Boulevard Area - PS30 Improvements & New PS			✓	

**TABLE 3**  
 EPA Consent Decree RMAP Milestones for Category 2 Projects  
*All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013.*

	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summary</b>
<b>Milestone Date</b>	<b>4th QTR 2012</b>	<b>1st QTR 2014</b>	<b>4th QTR 2014</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Project Descriptions RMAP2 Projects</b>				
Multiple PS - Burbank Drive - Siegen Lane			✓	
New Central WWTP PS, PS 2, 3, 4, 5, 6, 7, & 10		✓		
New Central WWTP FM		✓		
FM from PS 2, 3, 7, 10, & 5		✓		

### Category 3: Wastewater Treatment and Storage

This category of projects includes 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 treatment plants that are also a part of this RMAP2 submittal, and are listed below and depicted as well in Table 4:

- South - Choctaw Storage Facility
- North - Hooper Storage Facility

These storage projects are part of the transmission system which permits retainage of wet weather peak flows. The details of the wastewater treatment and storage projects are listed in Table 4 below.

**TABLE 4**  
EPA Consent Decree RMAP Milestones for Category 3 Projects  
*All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013*

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions RMAP2 Projects				
Choctaw Storage, PS 52A, PS 51A, PS 51AA, & FMs, & Return Pipe	✓			Conducted dynamic model runs. Prepared and submitted project definition to DPW for review/approval. DPW reviewed/approved the project definition. Contract negotiations ongoing and expected to be completed 4 <sup>th</sup> quarter 2008. Design Consultant notice to proceed is expected to

**TABLE 4**  
 EPA Consent Decree RMAP Milestones for Category 3 Projects  
 All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions RMAP2 Projects				
				be issued and design to begin 4 <sup>th</sup> quarter 2008.
Hooper Storage	✓			
South WWTP IAP Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling	✓			Combined projects as one bid. Bids opened August 19, 2008. Evaluation of bids resulted in a re-design for the project. The re-design, advertisement, and bid opening are expected to be completed in the 4 <sup>th</sup> quarter 2008.
South WWTP IAP- Effluent Pumping Improvements	✓			Project completed.
South WWTP - Phase 1		✓		Design Consultant negotiations underway. Huge issue with land acquisition since not all land is vacant – relocate owners, etc.
South WWTP - Phase 2 - PDP			✓	Submitted draft RFQ to DPW for review.

## **Other Discussion**

During this reporting period, Hurricane Gustav struck the Baton Rouge area with heavy rains, flooding, high winds, and inflicted severe property damage from fallen trees and utility lines/poles. The loss of electric power was the biggest problem for residents of Baton Rouge. More than half of Baton Rouge was without power for at least 3 days, while many others were without electricity for up to 3 weeks following the storm. In addition to power outages, the Baton Rouge area experienced fuel, food, and ice shortages, property damage to homes/businesses, disruption to normal daily business, and lost wages when workers couldn't return to their jobs.

## **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 Outreach and Public Awareness Program Plan is still being finalized, associated efforts have been on-going. Public information tools such as the website are being continuously updated with new information and news about the SSO Control and Wastewater Facilities Program, etc. Fact sheets have also been developed that can be accessed via the website, and have been handed out during some public meetings, that describe pertinent information and aspects about the Program.





Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
July 1 - September 30, 2008

North Plant-LA0036439

Summary of Activities	3rd Quarter (EPA Report No. 26)					4th Quarter (EPA Report No. 27)										
	WWC (w/AMP) (Route)	(Corr)	WWC-PS (Route)	(Corr)	Field Emer. (Route)	Field Emer. (Route)	Quarterly Total	*Cum. % Complete	WWC (w/AMP) (Route)	(Corr)	WWC-PS (Route)	(Corr)	Field Emer. (Route)	Field Emer. (Route)	Quarterly Total	*Cum. % Complete
Gravity Collection System (2,460,000ft/0.640MMH)																
Lines Cleaned (ft)	16,582					67,542	84,124	29%						0	0	29%
CCTV Inspected (ft)	120				1,203	67,542	67,662	16%						0	0	16%
Smoke Tested (ft)						22,817	24,020							0	0	
Smoke Tested (no. of locations)							0							0	0	
Dye Water Flooded (no. of locations)					12	1	13	4%						0	0	4%
Manholes Inspected (no.)						3	94							0	0	
Lines Repaired (no.)	91						0							0	0	
M/I Relabbed (no.)							0							0	0	
Force Mains (120 miles)							0							0	0	
Visual Surface Inspection (miles)			19			1	19	73%						0	0	73%
Repaired (no.)	1						2							0	0	
Air Release Valves (335)							0							0	0	
Inspected/Maintained			163				163	58%						0	0	58%
Repaired (no.)			66				66							0	0	
Pump & Lift Stations (141)							0							0	0	
Inspections (no.)			5,538				5,538	36%						0	0	36%
Wet wells cleaned			38				38							0	0	
Repaired (no.)			6			1	7							0	0	

Rout. - Routine Maintenance  
Corr. - Corrective Maintenance

Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
July 1 - September 30, 2008

**Central Plant-LA Central Plant-LA0036421**

Summary of Activities	3rd Quarter (EPA Report No. 26)					4th Quarter (EPA Report No. 27)										
	WWC (w/AMP) (Rout.)	(Corr.)	WWC-PS (Rout.)	(Corr.)	Field Engr. (Rout.)	Field Engr.- (Rout.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP) (Rout.)	(Corr.)	WWC-PS (Rout.)	(Corr.)	Field Engr. (Rout.)	Field Engr.- (Rout.)	Quarterly Total	*Cum. % Complete
Gravity Collection System (1,410,000ft/5,760MIH)																
Lines Cleaned (ft)		8,839					8,839	5%							0	5%
CCTV Inspected (ft)		60					60	0%							0	0%
Smoke Tested (ft)							0								0	
Smoke Tested (no. of locatio							0								0	
Dye Water Flooded (no. oflc							0								0	
Manholes Inspected (no.)							0	2%							0	2%
Lines Repaired (no.)		47					47								0	
MH Rehabbed (no.)							0								0	
Force Mains (10 miles)																
Visual Surface Inspection (m							0.3	0%							0	0%
Repaired (no.)		1					1								0	
Air Release Valves (18)																
Inspected/Maintained							2	0%							0	0%
Repaired (no.)							2								0	
Pump & Lift Stations (21)																
Inspections (no.)							858	6%							0	6%
Wet wells cleaned							0								0	
Repaired (no.)							0								0	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals**

July 1 - September 30, 2008

**South Plant-LA0036412**

	3rd Quarter (EPA Report No. 26)					4th Quarter (EPA Report No. 27)											
	WWC (w/AMP) (Rout.)	(Corr.)	WWC-PS (Rout.)	(Corr.)	Field Engr. (Rout.)	Engr.- (Rout.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP) (Rout.)	(Corr.)	WWC-PS (Rout.)	(Corr.)	Field Engr. (Rout.)	Engr.- (Rout.)	Quarterly Total	*Cum. % Complete	
<b>Summary of Activities</b>																	
Gravity Collection System (4,640,000ft/21,580MH)																	
Lines Cleaned (ft)		24,598				111,571	136,169	84%						0	0	84%	
CCTV Inspected (ft)		300				111,571	111,871	64%						0	0	64%	
Smoke Tested (ft)						35,171	124,024							0	0		
Smoke Tested (no. of locations)						10	10							0	0		
Dye Water Flooded (no. of locations)						10	10							0	0		
Manholes Inspected (no.)						176	207	31%						0	0	31%	
Lines Repaired (no.)		119				40	159							0	0		
MH Rehabbed (no.)						9	9							0	0		
<b>Force Mains (110 miles)</b>																	
Visual Surface Inspection (miles)							13.0	35%						0.0	0.0	35%	
Repaired (no.)		2					2							0	0		
<b>Air Release Valves (251)</b>																	
Inspected/Maintained							117	36%						0	0	36%	
Repaired (no.)							78							0	0		
<b>Pump &amp; Lift Stations (259)</b>																	
Inspections (no.)							10,959	71%						0	0	71%	
Wet wells cleaned							72							0	0		
Repaired (no.)							8							0	0		
<b>Peak Flow Storage Facilities (2)</b>																	
Little Peak site visits							39	111%						0	0	111%	
Big Peak site visits							39	111%						0	0	111%	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

# Table of Contents

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

**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 was discovered and removed during this quarter. There is no anticipated non-compliance. During the reporting period 148,044 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</b>	<b>Central Plant</b>	<b>South Plant</b>	<b>Total</b>
	<b>LA0036439</b>	<b>LA0036421</b>	<b>LA0036412</b>	
	<b>AI# 4843</b>	<b>AI# 4842</b>	<b>AI# 4841</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 07 / 1 / 08 to 09/ 30 / 08. 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 we 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.

We provided information for each treatment plant service area and 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 Jul.-Sept. 2008</b>	<b>Cumulative 2008 Annual Total</b>	<b>2008 Annual Goal</b>
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	229,132	670,908	570,000
CCTV Inspected (ft)	179,593	457,208	570,000
Smoke Tested (ft)	148,044	380,483	----
Smoke Tested (no. of locations)	10	10	----
Dye Water Flooded (no. of locations)	10	10	----
Manholes Inspected (no.)	220	920	2,500
Lines Repaired (no.)	300	1,034	----
MH Rehabbed (no.)	9	557	----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	31.9	130.3	120
Repaired (no.)	5	15	----
<b>Air Release Valves (604)</b>			
Inspected / Maintained	282	902	960 to 1,200
Repaired (no.)	146	439	----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	17,355	50,873	45,136
Wet wells cleaned	130	340	----
Repaired (no.)	15	58	----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits	39	115	104
Big Peak site visits	39	115	104

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

The City/Parish  [is]  [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 07/ 01 / 08 to 09/ 30 / 08. 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 Jul. –Sept. 2008</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	67,542	16,582	84,124
CCTV Inspected (ft)	67,542	120	67,662
Smoke Tested (ft)	24,020	0	24,020
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	13	0	13
Lines Repaired (no.)	3	91	94
MH Rehabbed (no.)	0	0	0
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	0.0	18.6	18.6
Repaired (no.)	1	1	2
<b>Air Release Valves (335)</b>			
Inspected / Maintained	0	163	163
Repaired (no.)	0	66	66
<b>Pump &amp; Lift Stations (141)</b>			
Inspections (no.)	0	5,538	5,538
Wet wells cleaned	0	58	58
Repaired (no.)	1	6	7

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 Jul.– Sept. 2008</u>
<b>Gravity Collection System (1,410,000ft/5,760MH)</b>			
Lines Cleaned (ft)	0	8,839	8,839
CCTV Inspected (ft)	0	60	60
Smoke Tested (ft)	0	0	0
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	0	0	0
Lines Repaired (no.)	0	47	47
MH Rehabbed (no.)	0	0	0
<b>Force Mains (10 miles)</b>			
Visual Surface Inspection (miles)	0	0.3	0.3
Repaired (no.)	0	1	1
<b>Air Release Valves (18)</b>			
Inspected / Maintained	0	2	2
Repaired (no.)	0	2	2
<b>Pump &amp; Lift Stations (21)</b>			
Inspections (no.)	0	858	858
Wet wells cleaned	0	0	0
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 Jul - Sept. 2008</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	111,571	24,598	136,169
CCTV Inspected (ft)	111,571	300	111,871
Smoke Tested (ft)	124,024	0	124,024
Smoke Tested (no. of locations)	10	0	10
Dye Water Flooded (no. of locations)	10	0	10
Manholes Inspected (no.)	207	0	207
Lines Repaired (no.)	40	119	159
MH Rehabbed (no.)	9	0	9
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	0.0	13.0	13.0
Repaired (no.)	0	2	2
<b>Air Release Valves (251)</b>			
Inspected / Maintained	0	117	117
Repaired (no.)	0	78	78
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	0	10,959	10,959
Wet wells cleaned	0	72	72
Repaired (no.)	0	8	8
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits	0	39	39
Big Peak site visits	0	39	39

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

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>15</b>
Central Plant-LA0036421 AI # 4842 Collection System	<b>6</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>51</b>
<b>Total</b>	<b>72</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 7 / 1 / 08 to 09 / 30 / 08. If not, see comments above.



**Part D:**  
Reporting of  
Unauthorized Discharges

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

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

### Summary of Unauthorized Discharges

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

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	15
Central Plant-LA0036421 AI # 4842 Collection System	6
South Plant-LA0036412 AI# 4841 Collection System	51
<b>Total</b>	<b>72</b>

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

There were no unusual SSOs, but there were five (5) unauthorized discharge equal to or greater than 100,000 gallons during this reporting period. Two events occurred during a power failure and bar screen malfunction. Power was restore to the plant by Entergy and the problem with the bar screen was corrected. The remaining three (3) events occurred during Hurricane Gustav and Hurricane Ike resulting in extensive power failures and mechanical/electrical malfunctions within the plants.

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 07/ 01 / 08 to 09/ 30 / 08. If not, see comments above.

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

7/1/2008 TO 9/30/2008  
SOUTH Sewer District Collection System LPDES LA0035412 AW#841

Date	Address	Cause	Action	Prevention	Rec. Waters	Amf. Gate	PS	BOD	TSS	PH
7/2/2008	9422 Winfield Rd.	Stoppage in collection line.	Requested wash truck to clear blockage, wash down area deodorize and disinfect site.	Re-washed collection line.	None	50	61	203	87	6.93
7/7/2008	13047 Florida Blvd.	Stoppage in collection line.	Requested wash truck to clear blockage, wash down area deodorize and disinfect site.	Re-washed collection line.	None	100	21	124	332	7.05
7/15/2008	Westlok @ Southlok	Stoppage in collection line.	Requested wash truck to clear blockage, wash down area deodorize and disinfect site.	Washed collection line, televised for breaks.	None	200	135	132	124	6.71
7/22/2008	3623 Twelve Oaks Hwy.	Stoppage in collection line.	Requested wash truck to clear blockage, wash down area deodorize and disinfect site.	Washed collection line, televised for breaks.	None	180	336	128	209	6.79
7/30/2008	10516 N. Harvey Dr.	Stoppage in collection line.	Requested wash truck to clear blockage, wash down area deodorize and disinfect site.	Washed collection line, televised for breaks.	None	120	50	135	149	6.32
7/31/2008	10320 Old Hammond Hwy.	Stoppage in collection line.	Requested wash truck to clear blockage, wash down area deodorize and disinfect site.	Washed collection line, televised for breaks.	None	250	58	142	166	6.72
8/21/2008	14441 Old Hammond Hwy.	Pump Station 215 down.	Requested pump mechanic for station, washed down area deodorized and disinfect site.	Pump Mechanic will perform periodic maintenance checks.	None	300	215	137	104	7.06
8/24/2008	1424 Sherwood Forest Blvd.	Manhole surcharging because of heavy rain.	Monitor manhole for discharge, wash down area deodorized and disinfect site.	Implement RMAP procedures.	Jones Creek	3,998	50	112	344	6.75
8/24/2008	1423 Sherwood Forest Blvd.	Manhole surcharging because of heavy rain.	Monitor manhole for discharge, wash down area deodorized and disinfect site.	Implement RMAP procedures.	Jones Creek	19,359	50	112	344	6.75
8/24/2008	9940 Great Smokey	Manhole surcharging because of heavy rain.	Monitor manhole for discharge, wash down area deodorized and disinfect site.	Implement RMAP procedures.	None	28,275	51	112	344	6.75
8/24/2008	1389 Sherwood Forest Blvd.	Manhole surcharging because of heavy rain.	Monitor manhole for discharge, wash down area deodorized and disinfect site.	Implement RMAP procedures.	Jones Creek	8,991	50	112	344	6.75
9/2/2008	1388 S. Sherwood Forest	Manhole surcharging because of heavy rain.	Monitor manhole for discharge, wash down area deodorized and disinfect site.	Implement RMAP procedures.	Jones Creek	95,796	50	139	252	NA

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

7/1/2008 TO 9/30/2008  
SOUTH Sewer District Collection System LPDES LA0036412 AH4841

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
9/9/2008	11376 Ashbourne Dr.	Pump surcharging because of heavy rain.	Monitor manhole for discharge, wash down area deodorized and disinfected site.	Implement RMAP procedures.	Jones Creek	62,205	50	139	252	NA
9/5/2008	5101 Ella	Pump station 305 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	50	305	75	84	7
9/5/2008	5455 Highland Ridge	Pump station 219 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	400	219	75	84	7
9/5/2008	17732 Shady Path Ct.	Pump station 390 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Pond	200	390	75	84	7
9/5/2008	1838 Peck Dr.	Pump station 12 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	300	12	75	84	7
9/5/2008	3376 Grassy Lake	Pump station 427 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Pond	200	427	75	84	7
9/8/2008	18201 Weatherwood	Pump station 247 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	50	247	150	260	6.78
9/8/2008	13722 Bymaster	Pump station 12 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Ditch	100	12	150	260	5.79
9/4/2008	13573 Kimble Dr.	Pump station 383 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Pond	75	383	109	54	6.75

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

7/1/2008 TO 9/30/2008  
SOUTH Sewer District Collection System LPDES LA0036412 AM4814

Date	Address	Cause	Action	Prevention	Rac. Waters	Amt. Gals	PS	BOD	TSS	pH
9/4/2008	17754 Crossing Blvd	Pump station 366 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Pond	25	386	109	54	6.75
9/6/2008	1000 Barkley	Pump station 221 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	250	221	130	240	6.45
9/7/2008	3037 Winnepeg	Pump station 145 is down due to electrical leg outage and stoppage in the main line.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Ditch	1,200	145	168	342	6.47
9/6/2008	6898 Exchange Dr.	Pump station 332 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	400	332	75	84	7
9/7/2008	14867 Tiger Bend	Pump station 274 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	600	274	168	342	6.47
9/7/2008	4240 Lessen	Pump station 163 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	1,000	163	130	144	7.04
9/7/2008	13553 Arcadian Shore	Pump station 398 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	2,000	398	166	342	6.47
9/7/2008	16239 Green Lake Ct.	Pump station 362 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	2,500	362	168	342	6.47
9/7/2008	17210 N. Lakeway	Pump station 343 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	300	343	168	342	6.47

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

7/1/2008 TO 9/30/2008

SOUTH Sewer District Collection System LPDES LA0036412 A#4841

Date	Address	Cause	Action	Prevention	Rec. Waters	Am't Gals	PS	BOD	TSS	pH
9/7/2008	17310 Mastepoint	Pump station 344 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	600	344	168	342	6.47
9/7/2008	17524 Masterpoint	Pump station 344 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	200	344	168	342	6.47
9/7/2008	8748 Blaubonnet	Pump station 301 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Swamp	5,000	301	130	144	7.04
9/7/2008	1624 Briaridge	Pump station 262 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	200	262	168	342	6.47
9/8/2008	7035 Rose Hill	Pump station 410 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	300	410	168	342	6.47
9/8/2008	17210 S. Mission Hill	Pump station 356 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	400	356	168	342	6.47
9/8/2008	19421 N. Marfield	Pump station 349 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	600	349	168	342	6.47
9/10/2008	5013 E. Bluebell	Pump station 50 is down due to electrical leg outage and stoppage in the main line.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Canal	1,000	56	156	264	6.85
9/11/2008	5535 Lost Oaks	Pump station 296 is down due to electrical leg outage and stoppage in the main line.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain and Canal	100	296	136	208	6.75

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

7/1/2008 TO 9/30/2008

SOUTH Sewer District Collection System LPDES LA0036412 A#4841

Date	Address	Cause	Action	Prevention	Rec. Waters	AML Gals	PS	BOD	TSS	pH
8/11/2008	11111 Roy Emerson	Pump station 223 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	500	223	136	208	6.75
9/15/2008	East boyd at Dotson Ave.	Pump station 68 is down due to electrical leg outage	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Storm Drain	2,000	68	97	336	6.81
9/15/2008	10090 Karen Dr.	Pump station 50 is down due to heavy rains.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Implement RMAP procedures.	None	3,900	50	97	336	6.81
9/18/2008	3032 Montreal Dr.	Stoppage in city collection line.	Dispatched wash truck to clear stoppage in the collection line.	Wash and clean the main collection line with a high pressure jet wash truck.	None	250	145	115	148	6.82
9/18/2008	6933 North Fieldgate	Pump station 37 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	100	37	119	134	6.84
9/21/2008	19629 Deer Park Ave.	Stoppage in city collection line.	Dispatched wash truck to clear stoppage in the collection line.	Wash and clean the main collection line with a high pressure jet wash truck.	None	1,000	211	106	144	6.98
9/24/2008	7990 Summa	Pump station 193 experience failure.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area. Notify pump mechanic.	Schedule periodic preventive maintenance checks.	Ditch	1,000	193	198	116	7.02
9/4/2008	1500 Southland Ct.	Pump station 99 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Ditch	400	99	109	54	6.57
9/16/2008	1524 Bramidge	Pump station 261 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	None	200	261	188	342	6.47
9/16/2008	8748 Bluenomet.	Pump station 301 is down due to electrical leg outage.	Recorded sewage overflow, in addition to washing down, deodorizing, and disinfecting the area.	Notify the utility company of the power outage in an effort to restore it, and a back up generator was recommended for pump station until then.	Water	5,000	301	130	144	7.04

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

7/1/2008 To 9/30/2008

CENTRAL Sewer District Collection System LPDES LA0036421A/# 4842

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
7/8/2008	4546 North St.	Stoppage in collection	Requested wash truck	Washed collection blockage, wash down & line, televised for deodorize and disinfect breaks.	None	100	4	149	256	7.19
7/22/2008	4546 North St.	Stoppage in collection	Requested wash truck	Washed collection blockage, wash down & line, televised for deodorize and disinfect breaks.	None	185	4	144	212	7.32
8/21/2008	2427 Broussard	Stoppage in collection	Requested wash truck	Washed collection blockage, wash down & line, deodorize and disinfect site.	None	100	10	134	208	7.08
8/24/2008	2147 E. Lakeshore Dr.	Manhole surcharging because of heavy rain.	Monitor manhole for di	Implement RMAP wash down area deod procedures and disinfect site.	Dawson Creek	7,326	10	57	196	6.86
8/24/2008	3526 S. Lakeshore Dr.	Manhole surcharging because of heavy rain.	Monitor manhole for di	Implement RMAP wash down area deod procedures and disinfect site.	Dawson Creek	17,208	2	57	196	6.86
9/5/2008	2147 E. Lakeshore Dr.	Manhole surcharging because of heavy rain.	Monitor manhole for di	Implement RMAP wash down area deod procedures and disinfect site.	Dawson Creek	45,240	10	NA	NA	NA
9/6/2008	3526 S. Lakeshore Dr.	Manhole surcharging because of heavy rain.	Monitor manhole for di	Implement RMAP wash down area deod procedures and disinfect site.	Dawson Creek	11,979	2	NA	NA	NA



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

7/1/2008 TO 9/30/2008

NORTH Sewer District Collection System LPDES LA0036439A1# 4843

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
7/12/2008	5735 Sumrall	Stoppage in collection	Requested wash truck blockage, wash down & line, televised for deodorize and disinfect breaks.	Washed collection line, televised for deodorize and disinfect breaks.	None	6,000	52	154	104	7.32
7/14/2008	7641 Glen Oaks Dr.	Stoppage in collection	Requested wash truck blockage, wash down & line, televised for deodorize and disinfect breaks.	Washed collection line, televised for deodorize and disinfect breaks.	None	250	92	176	116	6.98
7/14/2008	7643 Glen Oaks Dr.	Stoppage in collection	Requested wash truck blockage, wash down & line, televised for deodorize and disinfect breaks.	Washed collection line, televised for deodorize and disinfect breaks.	None	150	92	176	116	6.98
8/4/2008	7050 Rio Dr.	Stoppage in collection	Requested wash truck blockage, wash down & line, televised for deodorize and disinfect breaks.	Washed collection line, televised for deodorize and disinfect breaks.	None	300	52	122	74	7.25
8/24/2008	4275 Cypress Dr.	Manhole surcharging because of heavy rain.	Monitor manhole for di and disinfected site.	Implement RMAP deod procedures.	Baker Canal	34,824	65	50	330	7.34
8/24/2008	6650 Cedar Grove	Manhole surcharging because of heavy rain.	Monitor manhole for di and disinfected site.	Implement RMAP deod procedures.	Hurricane Creek	21,510	47	102	160	7.18
9/5/2008	12158 Arena Dr.	Pump station 241 is dc due to electrical leg out	Recorded sewage over deodorizing, and disinfi area.	Notify the utility compa to restore it, and a back up generator was	Ditch	40	241	62	62	6.83

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

7/1/2008 TO 9/30/2008

NORTH Sewer District Collection System LPDES LA0036439A# 4843

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
9/7/2008	14934 Central Wood Ave.	Pump station 264 is dc due to electrical leg out	Recorded sewage over addition to washing do of the power outage in an area.	Notify the utility compa deodorizing, and disinf effort to restore it, and a back up generator was recommended for pump station until then.	None	150	264	118	49	6.72
9/7/2008	13981 Reed Ave	Pump station 72 is dc due to electrical leg out	Recorded sewage over addition to washing do of the power outage in an area.	Notify the utility compa deodorizing, and disinf effort to restore it, and a back up generator was recommended for pump station until then.	None	300	72	118	46	6.72
9/7/2008	11175 Shandon	Pump station 264 is dc due to electrical leg out	Recorded sewage over addition to washing do of the power outage in an area.	Notify the utility compa deodorizing, and disinf effort to restore it, and a back up generator was recommended for pump station until then.	Ditch	500	264	118	46	6.72
9/7/2008	3625 Cannon	Pump station 78 is dc due to electrical leg out	Recorded sewage over addition to washing do of the power outage in an area.	Notify the utility compa deodorizing, and disinf effort to restore it, and a back up generator was recommended for pump station until then.	Canal	300	78	118	49	6.72
9/7/2008	5911 Bristle Cone	Pump station 285 is dc due to electrical leg out	Recorded sewage over addition to washing do of the power outage in an area.	Notify the utility compa deodorizing, and disinf effort to restore it, and a back up generator was	Ditch	500	285	118	49	6.72

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

7/1/2008 TO 9/30/2008

NORTH Sewer District Collection System LPDES LA0036439A1# 4843

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
9/7/2008	11032 Harvest	Pump station 264 is dc Recorded sewage over. Notify the utility compa due to electrical leg out addition to washing do of the power outage in an	deodorizing, and disinf effort to restore it, and a area.	back up generator was recommended for pump station until then.	None	250	264	118	49	6.72
9/8/2008	9500 Dancy	Pump station 116 is dc Recorded sewage over. Notify the utility compa due to electrical leg out addition to washing do of the power outage in an	deodorizing, and disinf effort to restore it, and a area.	back up generator was recommended for pump station until then.	None	250	116	118	49	6.72
9/11/2008	13213 Quail Meadow	Pump station 338 is dc Recorded sewage over. Notify the utility compa due to electrical leg out addition to washing do of the power outage in an	deodorizing, and disinf effort to restore it, and a area.	back up generator was recommended for pump station until then.	Canal	500	338	234	492	6.7
9/17/2008	7130 Nottingham	St Pump station 44 is dov Recorded sewage over. Notify the utility compa due to electrical leg out addition to washing do of the power outage in an	deodorizing, and disinf effort to restore it, and a area.	back up generator was recommended for pump station until then.	Canal	2,500	44	100	224	7.03



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

July 11, 2008

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

Re: LPDES Permit No. LA0036412  
AI # 4841  
Overflow at the South Treatment Plant

Dear Ms. Hatch:

We had an overflow at the South Treatment Plant which occurred on July 10, 2008, beginning at 0850 hours and ending at 0856 hours for a total duration of 6 minutes. During this time, an estimated 130,000 gallons of wastewater received only primary treatment which overflowed onto the plant grounds.

This overflow at the old effluent pump station wet well was due to a power failure outside 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, Acting Parish Attorney  
Cheryl Berry, PE, Special Projects Engineer  
Garcia Dialekwa, Wastewater Treatment Plant Manager  
Charles M. 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

July 11, 2008

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 at the South Treatment Plant

Dear Ms. Gooden-Jackson:

We had an overflow at the South Treatment Plant which occurred on July 10, 2008, beginning at 0850 hours and ending at 0856 hours for a total duration of 6 minutes. During this time, an estimated 130,000 gallons of wastewater received only primary treatment which overflowed onto the plant grounds.

This overflow at the old effluent pump station wet well was due to a power failure outside 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.

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Sincerely yours,

Peter T. Newkirk, PE  
Public Works Director

PTN/CB/pas

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

COPY



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

August 14, 2008

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

Re: LPDES Permit No. LA0036421  
AI # 4842  
Overflow at the Central Treatment Plant

Dear Ms. Hatch:

We had an overflow at the Central Treatment Plant which occurred on August 13, 2008, beginning at 0400 hours and ending at 0407 hours for a total duration of 7 minutes. During this time, an estimated 205,527 gallons of wastewater received no treatment which overflowed onto the plant grounds.

This overflow was caused by the influent barscreen being plugged up with debris causing the arm racks to malfunction. High influent flow was due to local heavy rainfall which caused the stoppage at the barscreen. Plant personnel removed the debris from the barscreen 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, Acting Parish Attorney  
Cheryl Berry, PE, Special Projects Engineer  
Garcia Dialekwa, Wastewater Treatment Plant Manager  
Charles M. O'Brien, Wastewater Laboratory Supervisor  
Walter Brock, TPO III (CTP)



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

COPY

August 14, 2008

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. LA0036421  
AI # 4842  
Overflow at the Central Treatment Plant

Dear Ms. Gooden-Jackson:

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This overflow was caused by the influent barscreen being plugged up with debris causing the arm racks to malfunction. High influent flow was due to local heavy rainfall which caused the stoppage at the barscreen. Plant personnel removed the debris from the barscreen 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, Acting Parish Attorney  
Cheryl Berry, PE, Special Projects Engineer  
Garcia Dialekwa, Wastewater Treatment Plant Manager  
Charles M. O'Brien, Wastewater Laboratory Supervisor  
Walter Brock, TPO III (CTP)



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

September 4, 2008

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. LA0036439  
AI # 4843  
Full Plant Bypass

Dear Ms. Gooden-Jackson:

We had a full plant bypass at our North Treatment Plant which occurred on September 1, 2008, beginning at 1400 hours and ending on September 3, 2008, at 0730 hours. During this time, an estimated 30,570,000 gallons of wastewater arrived at the plant and received no treatment.

This full plant bypass was caused by a total power failure due to Hurricane Gustav. 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

COPY

September 4, 2008

Peggy Hatch, Assistant Secretary, Office of Environmental Compliance  
Department of Environmental Quality  
Enforcement Section  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Re: LPDES Permit No. LA0036439  
AI # 4843  
Full Plant Bypass

Dear Ms. Hatch:

We had a full plant bypass at our North Treatment Plant which occurred on September 1, 2008, beginning at 1400 hours and ending on September 3, 2008, at 0730 hours. During this time, an estimated 30,570,000 gallons of wastewater arrived at the plant and received no treatment.

This full plant bypass was caused by a total power failure due to Hurricane Gustav. 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

September 8, 2008

COPY

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. LA0036421  
AI # 4842  
Full Plant Bypass

Dear Ms. Gooden-Jackson:

We had a full plant bypass at our Central Treatment Plant which occurred on September 1, 2008, beginning at 1300 hours and ending on September 7, 2008, at 2000 hours. During this time, an estimated 78,160,000 gallons of wastewater arrived at the plant and received no treatment.

This full plant bypass was caused by a total power failure due to Hurricane Gustav. 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  
Walter Brock, Acting Wastewater Treatment Plant Supervisor (CTP)



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

September 18, 2008

Peggy Hatch, Environmental Specialist Coordinator  
Department of Environmental Quality  
Enforcement Section  
Post Office Box 4312  
Baton Rouge, LA 70821-4321

Re: LPDES Permit No. LA0036421  
AI # 4842  
Full Plant Bypass

Dear Ms. Hatch:

We had a full plant bypass at our Central Treatment Plant which began on September 12, 2008, at 1723 hours and ended on September 15, 2008, at 0930 hours for a total duration of 64 hours and 7 minutes. During this time, an estimated 44,630,000 gallons of wastewater arrived at the plant and received no treatment.

This full plant bypass was due to high flows from local heavy rainfall caused by Hurricane Ike and mechanical/electrical malfunction of the barscreen. Maintenance personnel changed the electrical cable to the barscreen motor, reset the control panel 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  
Walter Brock, Acting Wastewater Treatment Plant Supervisor (CTP)



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

September 18, 2008

COPY

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. LA0036421  
AI # 4842  
Full Plant Bypass

Dear Ms. Gooden-Jackson:

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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  
Walter Brock, Acting Wastewater Treatment Plant Supervisor (CTP)

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

During this reporting period Influent pumps P-153, P-155, P-151 and Final Effluent pump (P-5505) were out of service due to mechanical and electrical issues; Primary Basin #6 is out of service due to some mechanical issues. During this reporting period a power failure occurred that lasted from 0850 hours to 0856 hours. Further noncompliance is not anticipated.

SWWTP	Permit Level	3 <sup>rd</sup> Quarter 2008			Stipulated Penalty		
		Jul	Aug	Sept.	# of Occurrences	Per Occurrence	Total
<b>BOD</b>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	31	C	32	2	\$2,500	\$5,000
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<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**

2. The City/Parish was in compliance with the North Treatment Plant LPDES Permit No. LA0036439 AI# 4843 during the reporting period.
  
3. The City/Parish was in compliance with the Central Treatment Plant LPDES Permit No. LA0036421 AI# 4842 during the reporting period.

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 07/01/08 to 09/30/08. If not, see comments above.