



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 23

January 23, 2008

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 fluid and cursive, with a large initial "P" and a stylized "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 Tate, 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: January 18, 2008

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

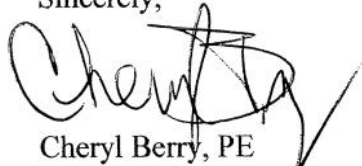
From: Mrs. Cheryl P. Berry, P.E., Wastewater Treatment and Disposal Division

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Twenty Third Quarterly Report – Period Ending December 31, 2007
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 Third Quarterly Report. Once the review of your portion of data is complete and corrected, please sign below the paragraph stating that fact and return for processing.

Sincerely,



Cheryl Berry, PE
Wastewater Treatment and Disposal Division

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



xc: Document Control

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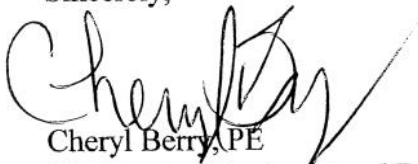
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**CITY-PARISH DEPARTMENTAL MEMORANDUM
WASTEWATER TREATMENT AND DISPOSAL DIVISION**

2443 River Road
Baton Rouge, LA 70802

Date: January 18, 2008

To: Mr. Garcia Dialekwa, Wastewater Treatment and Disposal Division
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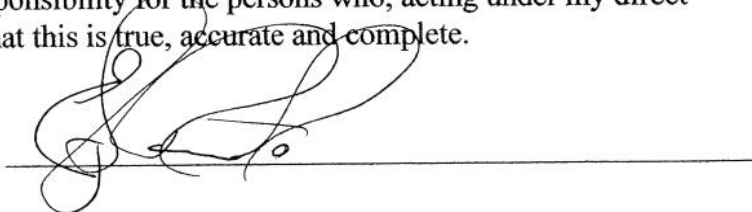
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Sincerely,



Cheryl Berry, PE
Wastewater Treatment and Disposal Division

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xc: Document Control

Executive Summary

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.

Once again, program planning has been the focus of the last quarter. On July 10, 2007 the EPA and LDEQ submitted a formal letter to the Baton Rouge City/Parish DPW approving the Camp Dresser and McKee 2005 Revised Second RMAP proposal which focused on sewer rehabilitation which was resubmitted by CH2M HILL in November 2006. CH2M HILL has since developed an Updated Revised Second RMAP that was submitted to the City/Parish DPW in December 2007 for review and approval. The Updated Revised Second RMAP developed by CH2M HILL was presented to the City Council on January 10, 2008. Once it is approved, it will be submitted to the EPA and LDEQ early in 2008. This report outlined the projects planned to eliminate SSO's throughout the City/Parish, in addition to describing the projects planned in order to meet permit requirements at the wastewater treatment plants. A schedule and budget for these projects was also included in the report. The proposed plan represents a substantial commitment and the tight schedule required by the consent decree may not be achievable should any force majeure event or unanticipated delay occur. The schedule is based on optimum engineering conditions and assumptions.

This City/Parish DPW has submitted an Immediate Action Plan (IAP) project summary report and schedule in October 2007, per EPA and LDEQ request. See Attachment A for more details. This letter summarized the five (5) IAP projects and also provided a detailed schedule for each. These (IAP) projects have been identified to enable the South Wastewater Treatment Plant (SWWTP) meet their National Pollution Discharge Elimination System (NPDES) permit limits. Two projects are in the final design phase and the other three are in the preliminary design phase. Updates of the individual IAP projects are shown in Exhibit 1.

EXHIBIT 1

IAP Project Status Summary

IAP Projects	Status
IAP #1 – SWWTP Screening Improvements	A preliminary design review meeting was held on October 3, 2007 and a follow-up meeting was held on November 3, 2007. Preliminary design review comments were submitted on October 27, 2007. DPW issued Notice to Proceed for design on November 19, 2007. A revised Preliminary Design Report and the draft 60% design are both to be submitted in January 2008.
IAP #2 – SWWTP Primary Treatment Improvements	Preliminary design review comments submitted on October 25, 2007. Another preliminary design review meeting was held on October 20, 2007. A revised Preliminary Design Report was submitted on November 29, 2007. Final design phase fee proposal was reviewed and approved by DPW on December 18, 2007. Design phase contract amendment to be presented to City Council in January 2008. Once contract/fee is approved 60% design will begin.
IAP #3 - SWWTP Trickling Filter	The preliminary design report was submitted on November 16, 2007. The

EXHIBIT 1
IAP Project Status Summary

IAP Projects	Status
Improvements	preliminary design review comments were received on December 11, 2007. A preliminary design review meeting was conducted on December 13, 2007. Responses to the preliminary design review comments were provided on December 21, 2007. There are plans to have another review meeting in January 2008 to discuss comments/responses of the preliminary design in order to finalize the preliminary design.
IAP #4 – SWWTP Effluent Pump Station Stabilization and Repairs	Project kick-off meeting was conducted on October 3, 2007. Drilling and sampling of soil borings conducted on November 30, 2007. Piezometers installed on December 3, 2007. The preliminary design report will be submitted for review in January 2008.
IAP #5 – SWWTP Sludge Handling Improvements	Project kick-off meeting was conducted on October 3, 2007. The preliminary design report was submitted on November 30, 2007. Preliminary design report review comments were submitted on December 27, 2007. A preliminary design review meeting is scheduled to be held in January 2008 after which finalization of the preliminary design report will begin.

In addition, the City/Parish DPW has submitted a detailed RMAP1 Status Report to the EPA in December 2007 that summarizes the status to date of all of the RMAP1 projects (See Attachment B for more details). This report included a formal “Request for Time Extension” for those RMAP1 projects not yet completed, and a schedule for project completion. This report was submitted as the milestone requirement pursuant to Section XVIII – Reporting, of the Consent Decree. The current status of the RMAP1 projects in progress is shown in Exhibit 2.

EXHIBIT 2
RMAP1 Project Status Summary

Ongoing RMAP1 Projects	Status
Industriplex Area Upgrades	Program team has reviewed the construction plans and specifications. Review comments have been submitted to the design consultant. The design consultant is scheduled to finalize the design in January 2008 and the project bid opening will follow.
Kleinpeter Area Upgrades	Additional improvements have been added to the project, such as new pump station, force main, and gravity sewer. These improvements will be included in Phase II of the project. The design consultant is in the process of finalizing the Phase I construction plans and bid documents by the first quarter of 2008. The design consultant plans to submit a proposal for engineering services for the rest of the Phase I design and entire Phase II design.
PS 136 Area Upgrades	Approximately 75% of the design work has been completed. The City/Parish DPW is in the process of reviewing and approving proposed design modifications.
North Sewer Rehab Project	Construction was completed on 11/30/2007.

EXHIBIT 2
RMAP1 Project Status Summary

Ongoing RMAP1 Projects	Status
PS 49/52 Area Upgrade	80% completed with construction. DPW is in legal dispute with Contractor and is still trying to work out a negotiation for completion of the rest of the construction work.

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. Once it is approved by the City/Parish DPW it will be submitted to the EPA and LDEQ for review and approval.

Attachment A
IAP SWWTP Project Summary
Report to the EPA



Office of the Parish Attorney

City of Baton Rouge
Parish of East Baton Rouge

222 St. Louis Street
Post Office Box 1471
Baton Rouge, Louisiana
70821

225/389-3114
225/389-5554 (Fax)

E. WADE SHOWS
Parish Attorney

October 17, 2007

Mr. Michael T. Donnellan
U. S. Dept. of Justice
P.O. Box 7611
Washington, DC 20044-7611

Ms. Mona Tates 6EN-WM
U.S. EPA - REGION 6
1445 Ross Avenue, Suite 1200
Dallas, TX 75202-2733

Mr. Ted R. Broyles, II
La. Dept. of Environmental Quality
602 N. Fifth Street
Baton Rouge, LA 70802

Re: Submittal of East Baton Rouge Parish Memo:
"South Wastewater Treatment Plant Summary of Immediate Action Plan Projects"

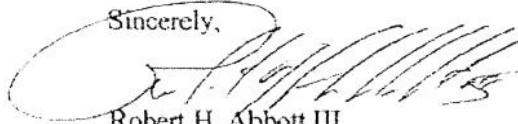
Dear Sirs and Madame:

Enclosed please find a hard copy of the memo prepared at your request following our telephone conference of October 12, 2007. The memo details the five projects that our consultants believe will bring us into daily compliance with effluent limits for the South Wastewater Treatment Plant during dry conditions or moderate rain conditions. As you can see, the last projects are scheduled to be completed by the end of August, 2009. We should then be in a position to judge plant performance over the next three to four months. It is my understanding that this information will be used to determine if adjustments need to be made in interim limits and the schedule should be included in the modified consent decree.

We are preparing a list of the 1st RMAP projects that have not been completed by the deadline due to the hurricanes and the change from the deep tunnel program. We will submit a modified schedule for the completion of these projects. It is my understanding that modifications to the schedule do not need court approval and can be done by consent of the parties.

If there are any questions or concerns please contact us as soon as possible. If there is any additional information you need at this time, please contact me as soon as possible.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. H. Abbott III', written over a circular scribble.

Robert H. Abbott III
Special Asst. Parish Attorney

DOJ 1 copy
EPA 3 copies
DEQ 2 copies

cc: Pete Newkirk; Bryan Harmon; Mark LeBlanc; Rick Wright
Walter Monsour

South Wastewater Treatment Plant Summary of Immediate Action Plan Projects

Background

The City of Baton Rouge/Parish of East Baton Rouge (C-P), Louisiana, Department of Public Works (DPW) owns and operates the South Wastewater Treatment Plant (SWWTP). The SWWTP is presently required to maintain a 30-mg TSS/L and 30-mg BOD/L monthly average and 45-mg TSS/L and 45-mg BOD/L weekly average discharge standard.

The SWWTP is configured in two process trains which are generally referred to as the "gravity train" and the "force main train." Each of these trains provides pretreatment (i.e. screening and grit removal), primary settling, secondary treatment consisting of trickling filters and final settling tanks, and effluent disinfection. Treated effluent is discharged to the Mississippi River.

The SWWTP is a 120 mgd peak flow secondary treatment plant. The plant is in need of modifications to improve operational and mechanical reliability in order to ensure consistent compliance with the plant's effluent discharge permit limits.

The following five projects were identified as Immediate Action Plan (IAP) projects meant to aid the South WWTP in meeting the aforementioned NPDES permit limits:

Project Information

Project Name: IAP #1 – South Wastewater Treatment Plant Screening Improvements

Project Number: 06-WT-TP-0059

Project Description: The project consists of screening improvements to the gravity side of the SWWTP. The existing bar screens on the gravity side of the plant are frequently out of service due to mechanical failure. Out of service bar screens result in reduced preliminary treatment and allows rags and other large material to accumulate in downstream treatment facilities, such as primary settling tanks, leading to process mechanical equipment failure in the downstream processes.

Design Schedule: 07/07 to 04/08

Bid Schedule: 04/08 to 07/08

Construction Schedule: 07/08 to 05/09

Project Name: IAP #2 – South Wastewater Treatment Plant Primary Treatment Improvements

Project Number: 06-WT-TP-0060

Project Description: The purpose of this project is to improve primary treatment at the SWWTP by utilizing chemically enhanced primary treatment to reduce loadings to the trickling filter process. Improvements will also include the repair and/or replacement of clarifier mechanisms and components, replacement of existing sludge pumps, and the replacement of inlet plug valves on clarifiers 1, 2, 3, and 4. The project will provide for flow control/flow measurement improvements at multiple splitter boxes on the gravity side of the plant by installing weir gate electric actuators and level elements for flow measurement. The project will connect the actuators and level elements to the plant SCADA system to allow monitoring and control of the flow splits to provide remote control capabilities.

Design Schedule: 07/07 to 06/08

Bid Schedule: 06/08 to 09/08

Construction Schedule: 09/08 to 07/09

Project Name: **IAP #3 – South Wastewater Treatment Plant Trickling Filter Improvements**

Project Number: 06-WT-IP-0061

Project Description: The project includes construction of a new recirculation pump station to maintain proper wetting rates on the trickling filters. The new recirculation pumping station will require a flow rate between 20 to 100 million gallons per day (mgd). In addition to the new recirculation pump station, hydraulic and process improvements require that the two final settling tank complexes be interconnected with piping. The interconnection of the settling tank complexes allows for reception of trickling filter effluent from both the gravity and the force main sides of the plant

Design Schedule: 07/07 to 06/08

Bid Schedule: 06/08 to 09/08

Construction Schedule: 09/08 to 08/09

Project Name: **IAP #4 – South Wastewater Treatment Plant Effluent Pump Station Stabilization and Repairs**

Project Number: 06-WT-IP-0062

Project Description: The project includes the investigation, engineering, and construction services for pump station improvements at the SWWTP. Ground settlement has caused wiring, piping and pump operational problems

in the effluent pump station. Improvements are intended to improve operational reliability of the pump station.

Design Schedule: 10/07 to 06/08
Bid Schedule: 06/08 to 09/08
Construction Schedule: 09/08 to 03/09

Project Name: IAP # 5 – South Wastewater Treatment Plant Sludge Handling Improvements

Project Number: 06-WT-TP-0063

Project Description: The project involves engineering, testing, and construction services for sludge handling improvements at the SWWTP. The recommended improvements for the sludge handling process include: replace gravity thickener mechanisms, rehabilitate sludge pump station, improve site grading in gravity thickener complexes, improve thickener overflow capabilities, snail shell screening improvements, final settling tank sludge withdrawal improvements, and belt filter press filtrate line improvements.

Design Schedule: 10/07 to 05/08
Bid Schedule: 05/08 to 08/08
Construction Schedule: 08/08 to 08/09

Attachment B
RMAP1 Status Report to the EPA



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

November 7, 2007

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
Section XVIII - Reporting of the Consent Decree
RMAPI Status Report - Period Ending October 31, 2007

Gentlemen:

Pursuant to Paragraph 53 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge (City/Parish) hereby submits the First Remedial Measures Action Plan (RMAPI) Status Report describing the progress of RMAP1 projects listed in Exhibit F of the Consent Decree as of October 31, 2007. In addition this report includes a formal "Request for Time Extension" for those RMAP1 projects currently in progress but not yet completed. A schedule for project completion for these RMAP1 projects is also incorporated in the report. This report contains a summary of compliance with and activities related to:

- Collection System Remedial Program
- Reporting
- Forms of Notice

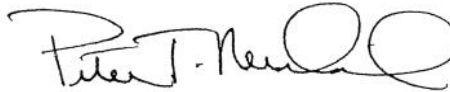
These activities are described in Sections XII, XVIII, and XXXIII of the Consent Decree.

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 RMAP1 Status 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 EPA RMAP1 Status 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 fluid and cursive, with the first name "Peter" and last name "Newkirk" clearly distinguishable.

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
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Mr. Carlos Zequeira, (6RC-EA)
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Mr. Wade Shows
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Mr. Bryan Harmon
Mr. Richard Wright
Mr. Walter Jenkins
Mr. David Ratcliff
Ms. Cheryl Berry
Mr. Jim Hawley, CH2MHILL

City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
EPA RMAP1 Status Report - Data Review

TO: Bryan Harmon/DPW
Rick Wright/DPW
E.J. Amato/DPW

FROM: Karen Johnson/CH2M HILL

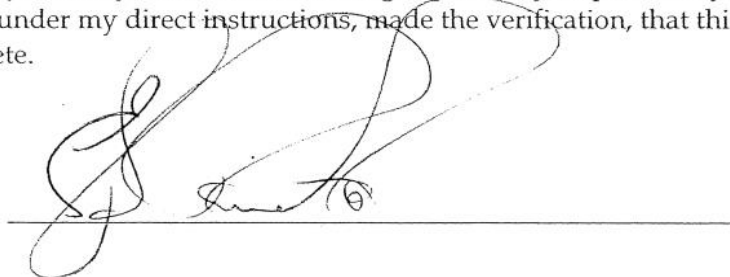
DATE: December 3, 2007

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 EPA RMAP1 Status 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.

Karen Johnson, PE
Regulatory Coordinator/CH2M HILL

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cc: Document Control

City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
EPA RMAP1 Status Report - Data Review

TO: Bryan Harmon/DPW
Rick Wright/DPW
E.J. Amato/DPW
FROM: Karen Johnson/CH2M HILL
DATE: December 3, 2007

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Karen Johnson, PE
Regulatory Coordinator/CH2M HILL

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cc: Document Control

EPA RMAP1 Project Status Report

PREPARED FOR: Bryan Harmon/DPW

PREPARED BY: Karen Johnson/CH2M HILL

COPIES: Rick Wright/DPW
Amy Schulze/DPW
Cheryl Berry/DPW
Bob Abbott/DPW
Mark LeBlanc/DPW
Jim Hawley/CH2M HILL
Lee Davis/CH2M HILL
Gordon Garner/CH2M HILL

DATE: November 12, 2007

Background Summary

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. This Consent Decree takes precedence over the original Consent Decree entered into in 1989 which requires the City/Parish to address its wastewater collection system in addition to its wastewater treatment plants (WWTPs). The 2002 Consent Decree outlined different remedial measures the City/Parish was to follow in order to meet compliance objectives and requirements. Specifically, there were remedial measures listed for the sewer collection system that were to help minimize and prevent unauthorized discharges from the collection systems for the North, South, and Central Plants. At the time the Consent Decree was written the City/Parish didn't decide on the plan it was going to implement in order to address these unauthorized discharges. Therefore, several alternatives were presented in the Consent Decree to help the City/Parish evaluate different options available and to choose the alternative that it was going to execute. However, there were several projects common to all of the alternatives presented in the Consent Decree that the City/Parish was beginning to implement while it was determining which alternative to select. These projects were called the First Remedial Measures Action Plan (RMAP1) projects, and were listed in Exhibit F of the Consent Decree.

This technical memorandum (TM) summarizes the status of the RMAP1 projects listed in Exhibit F of the Consent Decree. In addition, this TM includes a formal "Request for Time Extension" for the City/Parish from the EPA and LDEQ, for those RMAP1 projects currently in progress but not yet completed. These delays are due to the ramifications of Hurricane Katrina and changes in engineering priorities that have evolved from the new technical approach. A schedule for project completion for these RMAP1 projects is also incorporated in the TM. This TM will serve as the milestone requirement pursuant to Section XVIII - Reporting, of the Consent Decree.

RMAP1 Project Status

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, and with the associated delays that came about dealing with the aftermath of the Hurricane Katrina disaster to the Louisiana Gulf Coast, which directly affected the City/Parish.

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.

Also as previously mentioned, Hurricane Katrina devastated the Louisiana Gulf Coast in 2005 in a variety of ways. The Louisiana Gulf Coast area was uninhabitable for many weeks/months after the considerable damage caused by Hurricane Katrina. Due to the high winds, large amount of rainfall (up to 15 inches in some locations) and the storm surge, destruction was catastrophic. Katrina was the costliest, most destructive, and one of the five deadliest hurricanes in the history of the United States. Federal disaster declarations covered approximately 90,000 square miles of the Southern United States. As a direct result, the City/Parish suffered from the aftermath of Hurricane Katrina from primarily a demographic and an economic perspective. The City/Parish had an influx in population in the months following hurricane. The City/Parish was a major evacuation site that drew thousands of evacuees. People were living in tents in the park near the Baton Rouge City Hall. For months the City/Parish staff were diverted to emergency services, assisting with relocation facilities and coping with the influx of people, many of whom are now permanent residents. The City/Parish's internal working systems were severely overloaded and there were months of delays in re-establishing normal City/Parish business operations. In addition after the hurricane, much of the local City/Parish engineering and construction labor workforce left the area to work in areas of the Gulf Coast (such as New Orleans) more severely impacted by the storm which resulted in a labor shortage in the City/Parish in the months following the hurricane. Hurricane Katrina caused huge delays in the normal operations of the Baton Rouge City government, with an increase in population, the City's

internal systems were severely over loaded and experienced months of delays in re-establishing normal operations. Many RMAP1 projects in progress in 2005 during this time period were delayed due to dealing with the aftermath of Hurricane Katrina.

The status of all of these RMAP1 projects is discussed in more detail in the following sections.

RMAP1 Projects Completed

As previously noted, Hurricane Katrina devastated the Louisiana Gulf Coast in 2005, and there has been a major change in the technical approach to address the requirements in Section XII - Collection System Remedial Program of the Consent Decree. Regardless of these catastrophic events and the significant changes in technical approach of this program, most RMAP1 projects have been completed. Exhibit 1 depicts the list of completed RMAP1 projects.

EXHIBIT 1 Completed RMAP1 Projects		
Consent Decree RMAP1 Projects	Corresponding City/Parish RMAP1 Projects	Construction Completion Date
N-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)	April 2006
N-06 PS 43 Area Upgrades		
N-09 PS 44/46 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)	August 2004
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	October 2005
N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	May 2003
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	December 2004
	**Frenchtown Road Sewer Rehab. (03-RMP-N15)	July 2005
	**North Area Comprehensive Rehab. (03-RMP-N23)	April 2006
	**PS 45 Area Rehab. (00-RMP-N31)	January 2001
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)	September 2002
S-01B SWWTP Influent PS	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)	April 2003
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	August 2006
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)	May 2003
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	May 2003
	PS 944 Area Upgrade (99-RMP-S99)	May 2003
	PS 177 Area Upgrade (99-RMP-S99)	May 2003
	**PS 211 Area Upgrades (99-RMP-S11)	December 2003
*Notes: This project was executed as a combination of two RMAP1 projects		

EXHIBIT 1 Completed RMAP1 Projects		
Consent Decree RMAP1 Projects	Corresponding City/Parish RMAP1 Projects	Construction Completion Date
**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		

As shown in Exhibit 1, the manner in which several of the projects were executed may have changed since the time that the Consent Decree was written. For example, some of the project names have been altered and some projects were split up into several smaller projects for execution purposes, etc. In addition, since the implementation of RMAP1 projects began, the City/Parish has actually developed some additional projects that were executed as if they were original RMAP1 projects, as shown in Exhibit 1. Many of these projects were added after wastewater collection system studies were completed in various areas of the City/Parish and high priority opportunities were identified. Since these projects were consistent with the Collection System Remedial Program referenced in the Consent Decree, they were then carried out as RMAP1 projects, though this was not required in any way as a part of the Consent Decree.

RMAP1 Projects Deferred

There are several other RMAP1 projects that have not been completed as planned. Of these projects not completed, some are currently under design or in construction (see the section below for more details about these "on-going" projects), others were deferred and are in the process of being reevaluated as a part of the "new" RMAP2 plan, and still others were deferred indefinitely due primarily to the change in technical plan approach from deep tunnels and storage to sewer rehabilitation. Exhibit 2 - RMAP1 Deferred Projects, lists the deferred RMAP1 projects, and a brief summary of the reason for deferment.

EXHIBIT 2 Deferred RMAP1 Projects		
Consent Decree RMAP1 Projects	Corresponding City/Parish RMAP1 Projects	Reasoning
*N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)	Project suspended due to change in plan from deep tunnels/storage to rehabilitation. Project is currently being reevaluated as a part of the CH2M HILL RMAP2 plan under development.
*N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2	Project suspended due to change in plan from deep tunnels/storage to rehabilitation. Project is currently being reevaluated as a part of the CH2M HILL RMAP2 plan under development.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades	Shelved due to change in plan from deep tunnels/storage to rehabilitation.

EXHIBIT 2 Deferred RMAP1 Projects		
Consent Decree RMAP1 Projects	Corresponding City/Parish RMAP1 Projects	Reasoning
*N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades	Project stopped during design phase due to change in plan from deep tunnels/storage to rehabilitation.
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)	Project suspended at preliminary design phase due to change in plan from deep tunnels/storage to rehabilitation, significant population growth in the area, and the Comite River diversion cutting the system off.
*Notes: These projects may be implemented as RMAP2 projects if they fit into the CH2M HILL plan currently under development. If not, they will be indefinitely deferred. Either way, a summary or the path forward for these projects will be provided in upcoming Quarterly and Annual EPA Reports.		

A more detailed description of the reasoning behind some of the indefinite deferments of the RMAP1 projects listed in Exhibit 2, are as follows:

- Both of the Choctaw Basin projects were initially shelved due to the change in program plan from deep tunnels and storage to rehabilitation. The City/Parish actually purchased land for the new storage facilities and it was in the process of contract negotiations with several engineering firms for the design portion of the project work, when the projects were stopped. These projects have recently been reevaluated to see if they fit into CH2M HILL's RMAP2 program plan.
- The PS 47 Area Upgrades project never got off the ground before the change in plan from deep tunnels and storage to rehabilitation.
- The PS 35/55 Area Upgrades project was 60% designed before it was stopped due to the change in plan from deep tunnels and storage to rehabilitation. CH2M HILL is currently reevaluating this project to see if it should be completed or modified as a part of their new program plan that is currently under development.
- The PS 65 Area Upgrades project was approximately 30% designed before being suspended due to the change in plan from deep tunnels and storage to sewer rehabilitation. The project scope is currently being studied by a consulting engineering firm hired by the City/Parish. The collection system in the area is being reevaluated to determine the best overall solution before moving forward with projects in this area of the City/Parish. The first issue being evaluated is the possible relocation of PS 65 (which was listed to be abandoned in the project's original scope). The area that PS 65 serves will be isolated from the pump station by the Comite River Diversion structure (this is a COE flood control project). The effects of the installation of this diversion structure may require relocating the pump station. Also, this part of the City/Parish is experiencing tremendous growth which needs to be taken into consideration when planning projects in the area.

On-going RMAP1 Projects - Request for Time Extension

The City/Parish requests a time extension for those RMAP1 projects that are currently in progress. There are a total of five RMAP1 projects that are on-going at this time. These projects were all put on hold and eventually reevaluated due to the change in technical plan from deep tunnels and storage to sewer rehabilitation. In addition, the effects of Hurricane Katrina on the City/Parish and the surrounding area, contributed to the delay in these RMAP1 projects. These projects and their projected construction completion dates are listed in Exhibit 3. Note that these dates are projected construction completion dates only and do not include a contingency, or buffer for possible weather delays or any other unforeseen events that may impact design and construction of the projects. We have included a buffer to take these unpredictable events into account. We have assumed a standard buffer of six (6) months for consistency purposes for all on-going RMAP1 projects, which can be seen in Exhibit 3. We suggest that these "buffered" dates become the new compliance deadlines for the on-going RMAP1 projects.

EXHIBIT 3 On-going RMAP1 Projects			
Consent Decree RMAP1 Projects	City/Parish DPW RMAP1 Projects	Projected Construction Complete Dates	Buffered Construction Completion Dates
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)	***	***
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)	December 2007	June 2008
S-08 Industriplex Area Upgrades	Industriplex Area Upgrade FM (99-RMP-S08)	May 2009	November 2009
	Industriplex Area Upgrade PS 355 (99-RMP-S08)		
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)	October 2009	April 2010
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)	October 2009	April 2010
	PS 136 Area PS Upgrades (99-RMP-S16)		
***Notes: This date has yet to be determined.			

Some addition discussion about the status of these "on-going" RMAP1 projects is provided below:

- The PS 49/52 Area Upgrades project has already been designed. In addition, construction work is approximately 80% finished. The City/Parish is in a legal dispute with the Construction Contractor about completion of work. They are trying to negotiate with the Contractor in the hopes of resolving the issues as soon as

possible. As soon as these issues are negotiated, the City/Parish will be able to provide a projected construction completion date for this project.

- The North Sewer Rehab projects have been designed and are currently at approximately 75% complete with construction.
- The Industriplex Area Upgrades projects are approximately 95% completed with design. Design specifications and drawings are in the process of being modified to incorporate CH2M HILL and City/Parish comments.
- The Kleinpeter Area Upgrades project is at about 80% of the design completed. CH2M HILL is in the process of re-evaluating the flows, which once done will be provided to the design engineering firm for design finalization.
- Approximately 75% of the design has been completed for the PS 136 Upgrades project. The City/Parish is in the process of the review/approval of the design modifications. The design engineering firm is awaiting a contract extension to incorporate the design changes and complete the design.

These "on-going" RMAP1 projects will continue to be reported periodically in both the Quarterly and Annual EPA Reports. We request a formal letter of approval from EPA/LDEQ for the proposed RMAP1 project extensions.

Baton Rouge 2002 Consent Decree Quarterly Report
Summary of Activity Totals
October 1 - December 31, 2007

	1st Quarter (20)		2nd Quarter (21)		3rd Quarter (22)		4th Quarter (23)		Totals		
	20th Quarterly Total	Cum. % Complete	21th Quarterly Total	Cum. % Complete	22th Quarterly Total	Cum. % Complete	23th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
Summary of Activities											
Gravity Collection System											
(8,510,000ft/38,000MH)											
Lines Cleaned (ft)	183,194	32%	136,807	56%	218,827	95%	391,457	163%	930,285	163%	570,000
CCTV Inspected (ft)	103,544	18%	66,817	30%	138,727	54%	304,277	108%	613,365	108%	570,000
Smoke Tested (ft)	42,041		18,090		71,936		64,098		196,165		----
Smoke Tested (no. of locations)	6		2		0		5		13		----
Dye Water Flooded (no. of locations)	6		2		0		5		13		----
Manholes Inspected (no.)	2,045	82%	1,207	130%	1,230	179%	912	216%	5,394	216%	2,500
Lines Repaired (no.)	468		561		491		703		2,223		----
MH Rehabbed (no.)	21		17		18		43		99		----
Force Mains (240 miles)											
Visual Surface Inspection (miles)	47.2	39%	46.5	78%	41.9	113%	30.7	139%	166.3	139%	120
Repaired (no.)	3		6		6		6		21		----
Air Release Valves (604)											
Inspected/Maintained	302	31%	297	62%	268	90%	248	116%	1,115	116%	960 to 1,200
Repaired (no.)	141		131		98		68		438		----
Pump & Lift Stations (421)											
Inspections (no.)	17,004	38%	17,764	77%	17,121	115%	16,682	152%	68,571	152%	45,136
Wet wells cleaned	112		141		105		57		415		----
Repaired (no.)	27		23		32		23		105		----
Peak Flow Storage Facilities (2)											
Little Peak site visits	39	38%	39	75%	39	113%	38	149%	155	149%	104
Big Peak site visits	39	38%	39	75%	39	113%	38	149%	155	149%	104

25% **50%** **75%** **100%**

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

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - December 31, 2007**

Central Plant-LA Central Plant-LA0036421

Summary of Activities	3rd Quarter (EPA Report No. 22)						4th Quarter (EPA Report No. 23)							
	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	
Gravity Collection System (1,410,000ft/5,760MH)														
Lines Cleaned (ft)	13,500				27,142	40,642	12%	10,500				10,500	14%	
CCTV Inspected (ft)	30				27,142	27,172	7%	30				30	7%	
Smoke Tested (ft)			1,817			1,817						22,011		
Smoke Tested (no. of location)						0						5		
Dye Water Flooded (no. of location)						0						5		
Manholes Inspected (no.)			11			11	4%					96	71	11%
Lines Repaired (no.)	42				99	141		68				178	246	
MH Rehabbed (no.)	1					1		1					1	
Force Mains (10 miles)													0	
Visual Surface Inspection (m)						0.0	1%						0	1%
Repaired (no.)	1					1		2					2	
Air Release Valves (18)													0	
Inspected/Maintained						0	1%						0	1%
Repaired (no.)						0							0	
Pump & Lift Stations (21)													0	
Inspections (no.)			858			858	6%						836	8%
Wet wells cleaned			27			27							10	
Repaired (no.)				6		6					5		5	

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
October 1 - December 31, 2007**

North Plant- LA0036439

Summary of Activities	3rd Quarter (EPA Report No. 22)				4th Quarter (EPA Report No. 23)				*Cum. % Complete			
	WWC (w/AMP) (Rout.) (Corr.)	WWC-PS (Rout.) (Corr.)	Field Engr. (Rout.)	Field Engr. conf. (Rout.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP) (Rout.) (Corr.)	WWC-PS (Rout.) (Corr.)		Field Engr. (Rout.)	Field Engr. (Rout.)	Quarterly Total
Gravity Collection System (2,460,000ft/10,640MH)												
Lines Cleaned (ft)	23,700				23,700	15%	32,400				32,400	20%
CCTV Inspected (ft)	30				30	0%	180				180	0%
Smoke Tested (ft)					0				9,831		9,831	
Smoke Tested (no. of locations)					0						0	
Dye Water Flooded (no. of locations)					0						0	
Manholes Inspected (no.)			18		18	23%			46	136	182	30%
Lines Repaired (no.)	75		74		149		127			50	177	
MH Rehabbed (no.)	10				10		16				16	
					0						0	
Force Mains (120 miles)					0						0	
Visual Surface Inspection (miles)		30.1			30	72%		22.2			22	90%
Repaired (no.)			2		2						0	
					0						0	
Air Release Valves (335)					0						0	
Inspected/Maintained		193			193	58%	164				164	75%
Repaired (no.)					55				49		49	
					0						0	
Pump & Lift Stations (141)					0						0	
Inspections (no.)		5,421			5,421	36%	5,282				5,282	48%
Wet wells cleaned		29			29		27				27	
Repaired (no.)			1		1					1	10	

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

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

October 1 - December 31, 2007

South Plant-LA0036412

Summary of Activities	3rd Quarter (EPA Report No. 22)				4th Quarter (EPA Report No. 23)				*Cum. % Complete	Quarterly Total	*Cum. % Complete		
	WWC (w/AMP)		WWC-PS		WWC (w/AMP)		WWC-PS					Field Engr. (Rout.)	Engr.- (Rout.)
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Corr.)					
Gravity Collection System (4,640,000ft/21,580MH)													
Lines Cleaned (ft)	43,200		111,285		44,700		303,857		348,557		129%		
CCTV Inspected (ft)	240		111,285		210		303,857		304,067		100%		
Smoke Tested (ft)			70,119				32,256		32,256				
Smoke Tested (no. of locations)			0				0		0				
Dye Water Flooded (no. of locations)			0				0		0				
Manholes Inspected (no.)			882				168		395		175%		
Lines Repaired (no.)	200		1		280				280				
MH Rehabbed (no.)	7				26				26				
Force Mains (110 miles)													
Visual Surface Inspection (miles)			11.8				8.5		8.5		47%		
Repaired (no.)	1		2		4				4				
Air Release Valves (251)													
Inspected/Maintained							84		84		41%		
Repaired (no.)		43				19			19				
Pump & Lift Stations (259)													
Inspections (no.)			10,842				10,564		10,564		96%		
Wet wells cleaned		49			20				20				
Repaired (no.)		7	3			8			8				
Peak Flow Storage Facilities (2)													
Little Peak site visits							38		38		149%		
Big Peak site visits							38		38		149%		

out.-Routine Maintenance
corr.-Corrective Maintenance

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CONSENT DECREE COMPLIANCE STATUS	E

Part A:
Cross Connection
Elimination Plan

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

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

Summary of Activities

No cross connections were discovered during this quarter. There is no anticipated non-compliance. During the reporting period 64,098 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connections were identified. There were no exceptions in enforcing the ban on private cross connections.

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

Part A – Cross Connection Elimination Plan

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

The City/Parish [is] [is not] in compliance with Section VIII Elimination of Cross Connections for the period 10 / 1 / 07 to 12/ 31 / 07. 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

	Quarterly Total Oct.-Dec. 2007	Cumulative 2007 Annual Total	2007 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	391,457	930,285	570,000
CCTV Inspected (ft)	304,277	613,365	570,000
Smoke Tested (ft)	64,098	196,165	----
Smoke Tested (no. of locations)	5	13	----
Dye Water Flooded (no. of locations)	5	13	----
Manholes Inspected (no.)	912	5,394	2,500
Lines Repaired (no.)	703	2,223	----
MH Rehabbed (no.)	43	99	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	30.7	166.3	120
Repaired (no.)	6	21	----
Air Release Valves (604)			
Inspected / Maintained	248	1,115	960 to 1,200
Repaired (no.)	68	438	----
Pump & Lift Stations (421)			
Inspections (no.)	16,682	68,571	45,136
Wet wells cleaned	57	415	----
Repaired (no.)	23	105	----
Peak Flow Storage Facilities (2)			
Little Peak site visits	38	155	104
Big Peak site visits	38	155	104

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

The City/Parish [is] [is not] in compliance with Section IX Preventive Maintenance Program Plan for the period 10/ 01 / 07 to 12/ 31 / 07. If not, see comments above.

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

North Plant (LA0036439 AI# 4843)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct-Dec. 2007</u>
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	0	32,400	32,400
CCTV Inspected (ft)	0	180	180
Smoke Tested (ft)	9,831	0	9,831
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	46	0	46
Lines Repaired (no.)	0	127	127
MH Rehabbed (no.)	0	16	16
Force Mains (120 miles)			
Visual Surface Inspection (miles)	22	0	22
Repaired (no.)	0	0	0
Air Release Valves (335)			
Inspected / Maintained	164	0	164
Repaired (no.)	0	49	49
Pump & Lift Stations (141)			
Inspections (no.)	5,282	0	5,282
Wet wells cleaned	27	0	27
Repaired (no.)	0	9	9

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

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

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

Central Plant (LA0036421 AI# 4842)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct– Dec. 2007</u>
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	0	10,500	10,500
CCTV Inspected (ft)	0	30	30
Smoke Tested (ft)	22,011	0	22,011
Smoke Tested (no. of locations)	5	0	5
Dye Water Flooded (no. of locations)	5	0	5
Manholes Inspected (no.)	96	0	96
Lines Repaired (no.)	0	68	68
MH Rehabbed (no.)	0	1	1
Force Mains (10 miles)			
Visual Surface Inspection (miles)	0	0.0	0.0
Repaired (no.)	0	2	2
Air Release Valves (18)			
Inspected / Maintained	0	0	0
Repaired (no.)	0	0	0
Pump & Lift Stations (21)			
Inspections (no.)	836	0	836
Wet wells cleaned	10	0	10
Repaired (no.)	0	5	5

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

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

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

South Plant (LA0036412 AI# 4841)

	<u>Routine Maintenance</u>	<u>Corrective Maintenance</u>	<u>Quarterly Total Oct - Dec. 2007</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	303,857	44,700	348,557
CCTV Inspected (ft)	303,857	210	304,067
Smoke Tested (ft)	32,256	0	32,256
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	563	0	563
Lines Repaired (no.)	0	280	280
MH Rehabbed (no.)	0	26	26
Force Mains (110 miles)			
Visual Surface Inspection (miles)	9	0.0	9
Repaired (no.)	0	4	4
Air Release Valves (251)			
Inspected / Maintained	84	0	84
Repaired (no.)	0	19	19
Pump & Lift Stations (259)			
Inspections (no.)	10,565	0	10,565
Wet wells cleaned	20	0	20
Repaired (no.)	0	8	8
Peak Flow Storage Facilities (2)			
Little Peak site visits	38	0	38
Big Peak site visits	38	0	38

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

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

Part C:
Sanitary Sewer Overflow
Response Plan (SSORP)

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

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

Summary of Activities

A total of 9 Sanitary Sewer Overflows (SSOs) were responded to during this reporting period. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows – including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for each unauthorized discharge reported. There were no problems encountered in following the SSO Response Plan. The City/Parish was in compliance with the Collection System Preventive Maintenance Program.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	1
Central Plant-LA0036421 AI # 4842 Collection System	1
South Plant-LA0036412 AI# 4841 Collection System	7
Total	9

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

The City/Parish [is] [is not] in compliance with Section X Sanitary Sewer Overflow Response Plan (SSORP) for the period 10 / 1 / 07 to 12 / 31 / 07. If not, see comments above.

Part D:
Reporting of
Unauthorized Discharges

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

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

Summary of Unauthorized Discharges

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

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	1
Central Plant-LA0036421 AI # 4842 Collection System	1
South Plant-LA0036412 AI# 4841 Collection System	7
Total	9

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

There were no unusual SSOs, but there was one unauthorized discharge equal to or greater than 100,000 gallons during this reporting period. This one event occurred during a heavy rainfall event which resulted in a cumulative total of five inches of rain. RMAP projects are being developed to address the SSO at this location (See attached correspondence for more details).

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

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 10/ 01 / 07 to 12 / 31 / 07. If not, see comments above.

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

SOUTH Date	Sewer District Address	Collection System LPDES LA0036412 AJ#4841 Cause	Action	Prevention	TO	10/1/2007	12/31/2007	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
10/22/2007	9940 Great Smokey	Overflow caused from Surcharged Conditions 051-00193	Washed down area, deodorized and disinfected.	Implement RMAP Project				none	260,952	51	82	480	6.98
10/22/2007	11378 Ashbourne	Overflow caused from Surcharged Conditions 050-00526	Washed down area, deodorized and disinfected.	Implement RMAP Project				none	8,718	50	82	480	6.98
10/22/2007	2564 Woodland Ridge	Overflow caused from Surcharged Conditions 066-00134	Washed down area, deodorized and disinfected.	Implement RMAP Project				none	33,930	66	82	480	6.98
10/22/2007	2470 Woodland Ridge	Overflow caused from Surcharged Conditions 066-00135	Washed down area, deodorized and disinfected.	Implement RMAP Project				none	2,304	66	82	480	6.98
12/17/2007	17637 Macon	Overflow caused from Stoppage in collection 278-00028	Washed down area, deodorized and disinfected.	Continue preventive Maintenance				none	200	278	206	246	6.97
12/18/2007	12645 Lamargie	Overflow caused from Stoppage in collection 021-00057	Washed down area, deodorized and disinfected.	Continue preventive Maintenance				none	200	21	172	130	6.83

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

NORTH Date	Sewer District Address	Collection System Cause	LPDES LA0036439A1# 4843 Action	Prevention	TO	10/1/2007	12/31/2007	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
10/15/2007	7025 Hooper Rd	Overflow caused from Broken forcemain PS# 433	Washed down area, deodorized and disinfected. Made Repairs	None				none	400	433	96	34	3.88

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

CENTRAL	Sewer District Collection System LPDES LA0036421A1# 4842	TO	12/31/2007	pH	
Date	Address	Prevention	Rec. Waters	TSS	
10/22/2007	2147 E. Lakeshore	None	Dawson Creek	196	7.25
	Overflow caused from		Amt. Gals	BOD	
	Surcharged Conditions		5655	96	
	010-04926			FS	
				10	
	Washed down area,				
	deodorized and disinfected.				
	Made Repairs				



Department of Public Works

Wastewater Collection Division

City of Baton Rouge
Parish of East Baton Rouge
Post Office Box 1471
Baton Rouge, Louisiana
70821

October 23, 2007

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

Attention: Vivian Hare

Re: LPDES Permit No. LA0036412 AI#4841
9940 Great Smokey Dr. - Overflow - PS 051 Area

Dear Ms. Hare:

This letter is to provide information regarding an overflow at 9940 Great Smokey Drive. (Manhole 051-00193), which occurred from approximately 3:30 p.m. October 22, 2007 to 11:00 p.m. October 22, 2007. During this time, an estimated 260,952 gallons of untreated sewage was released to Dawson Creek.

The overflow was due to a heavy rainfall event, which consisted of approximately 5.00 inches of rain. Remedial measures action plan (RMAP) projects are being implemented to prevent recurrence of similar future overflows in this area due to wet-weather events. Procedures outlined in the SSO Response Plan were followed during the incident.

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

Sincerely yours,

Peter Newkirk
Department of Public Works Director

PN/rh

xc:

Bryan Harmon, Deputy Director
Monica Sprull, Assistant Director
Rick Wright, P.E.
Cheryl Berry, P.E.
David Ratcliff, Wastewater Collection Systems Manager
Wade Shows, Parish Attorney



Department of Public Works

Wastewater Collection Division

City of Baton Rouge
Parish of East Baton Rouge
Post Office Box 1471
Baton Rouge, Louisiana
70821

October 23, 2007

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
9940 Great Smokey Dr. - Overflow - PS 051 Area

Dear Ms. Hatch:

This letter is to provide information regarding an overflow at 9940 Great Smokey Drive. (Manhole 051-00193), which occurred from approximately 3:30 p.m. October 22, 2007 to 11:00 p.m. October 22, 2007. During this time, an estimated 260,952 gallons of untreated sewage was released to Dawson Creek.

The overflow was due to a heavy rainfall event, which consisted of approximately 5.00 inches of rain. Remedial measures action plan (RMAP) projects are being implemented to prevent recurrence of similar future overflows in this area due to wet-weather events. Procedures outlined in the SSO Response Plan were followed during the incident.

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

Sincerely yours,

Peter Newkirk
Department of Public Works Director

PN/rh

xc: Bryan Harmon, Deputy Director
Monica Sprull, Assistant Director
Rick Wright, P.E.
Cheryl Berry, P.E.
David Ratcliff, Wastewater Collection Systems Manager
Wade Shows, Parish Attorney

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 the 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. Noncompliance was due to operational issues at the South Wastewater Treatment Plant.

During this reporting period Primary Basin #2, #5 and #6 were out of service due to mechanical issues, including a pump failure caused by a line stoppage. Final Clarifier's #4, #6 and #8 were also out of service during a portion of this quarter, due to a pump failure on #4 and cleaning/preventative maintenance being performed on #6 and #8 causing the plant effluent to exceed the permit limit for this reporting period. Further noncompliance is not anticipated.

SWWTP	Permit Level	4 th Quarter 2007			Stipulated Penalty		
		Oct.	Nov.	Dec.	# of Occurrences	Per Occurrence	Total
<u>BOD</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	32	36	2	\$2,500	\$5,000
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TSS</u>							
7-Day Avg. (mg/l)	45	C	C	C			
Monthly Avg. (mg/l)	30	C	C	C			
Monthly Avg. (lbs/day)	13,511	C	C	C			
Percent Removal	75%	C	C	C			
<u>TRC</u>							
Monthly Max (mg/l)	0.46	C	C	C			
<u>Fecal Coliform</u>							
7-Day Avg. (mg/l)	400 col/100ml	C	C	C			
Monthly Avg. (mg/l)	200 col/100ml	C	C	C			
Total							\$5,000

C-Compliance

Part E - Consent Decree Compliance Status

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 10/01/07 to 12/31/07. If not, see comments above.