



Baton Rouge SSO Program

2002 Consent Decree

Quarterly Report No. 41

July 25, 2012



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, La 70821

July 25, 2012

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
Forty-First Quarterly Report - **Period Ending June 30, 2012**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 41st Consent Decree Quarterly Report covering activities for the quarter ending June 30, 2012. 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:

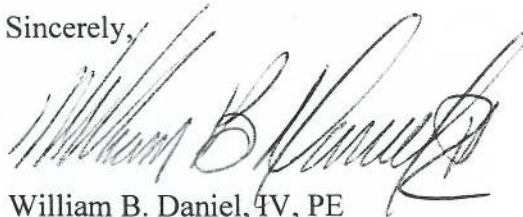
- Cross Connection Elimination Plan
- Collection System Preventive Maintenance Program (PMP)
- Sanitary Sewer Overflow Response Plan (SSORP)
- Reporting of Unauthorized Discharges
- Consent Decree Compliance Status

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 41st 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 Forty-First quarterly report is true, accurate and complete. As to those identified portions of this document for which I cannot personally verify their truth and accuracy, I certify as the official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification, that this is true, accurate and complete.

Sincerely,



William B. Daniel, IV, PE
Public Works Director

Cc: Honorable Melvin L. "Kip" Holden, Mayor-President
Mr. John Carpenter, Acting Chief Administrative Officer
Chief, Environmental Enforcement Section, US DOJ
Mr. Bobby Mayweather, LDEQ
Ms. Peggy Hatch, LDEQ
Ms. Mona Tate, US EPA Region 6
Mr. Carlos Zequeira, (6RC-EA)
Ms. Gladys Gooden-Jackson, (6EN-WC)
Ms. Mary Roper
Mr. Michael Ellis, CH2MHILL
Ms. Karen Johnson, CH2MHILL
Mr. Bryan Harmon
Mr. Jim Ferguson
Mr. David Guillory
Ms. Cheryl Berry
Mr. Greg Wiley
Mr. Mark LeBlanc
Mr. John Ward
Mr. Garcia Dialekwa
Mr. Mitch O'Brien
Ms. Alison Ford

CITY-PARISH DEPARTMENTAL MEMORANDUM
WASTEWATER TREATMENT AND DISPOSAL DIVISION

2850 Gardere Lane
Baton Rouge, LA 70820

Date: July 23, 2012

To: Mr. Garcia Dialekwa, Wastewater Treatment and Disposal Division
Mr. Greg Wiley, P.E., Wastewater Collection Division
Mr. E. J. Amato, Field Engineering Division

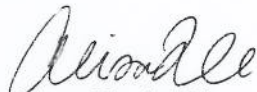
From: Ms. Alison Ford, P.E., Wastewater Treatment and Disposal Division

Re: City of Baton Rouge and Parish of East Baton Rouge
Consent Decree-Civil Action No. 01-978-B-M3
Forty-First Quarterly Report – Period Ending June 30, 2012
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 Forty-First Quarterly Report. Once the review of your portion of data is complete and corrected, please sign below the paragraph stating that fact and return for processing.

Sincerely,



Alison Ford, PE

Wastewater Treatment and Disposal Division

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



xc: Document Control

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WASTEWATER TREATMENT AND DISPOSAL DIVISION

2850 Gardere Lane
Baton Rouge, LA 70820

Date: July 23, 2012

To: Mr. Garcia Dialekwa, Wastewater Treatment and Disposal Division
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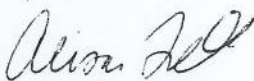
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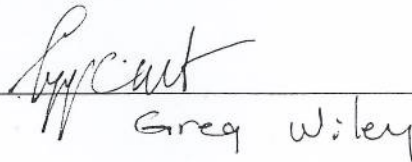
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Alison Ford, PE
Wastewater Treatment and Disposal Division

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Greg Wiley

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2850 Gardere Lane
Baton Rouge, LA 70820

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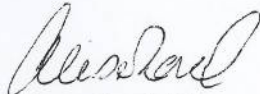
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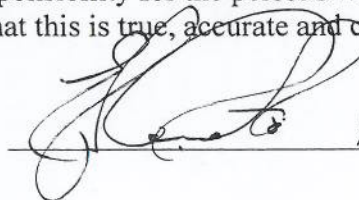
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Alison Ford, PE
Wastewater Treatment and Disposal Division

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7-23-2012

xc: Document Control

41st Quarterly Report - Executive Summary

General Overview

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

The following Quarterly Progress Report is hereby submitted to fulfill the reporting requirements described in Section XVIII – Reporting, of the 2002 Consent Decree. The sections in this Executive Summary and in the rest of this Quarterly Report highlight the work associated with the 2002 Consent Decree and the 2009 Consent Decree Modification, which took place during the quarter ending June 30, 2012.

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 June 30, 2012)

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 40th Quarterly EPA Report (report data from period ending March 31, 2012) on April 26, 2012.

History of Submittals

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

TABLE 1 DOJ, EPA and LDEQ Submittal History		
Name	Date Submitted	Additional Information
Sewer System Model Verification and Revised Second Remedial Action Plan	November 2006	Submittal of CDM's 2005 RMAP2 Report with changes in the South WWTP Projects
Addressing Existing Noncompliance Issues and Future Wet Weather Flow Management Requirements at the South WWTP	January 2007	Summary of findings/ recommendations for the South WWTP
EPA RMAP2 Approval Letter	July 2007	EPA Letter Approving November 2006 Submittal and South WWTP recommendations. Disapproved interim limits and left for further discussion the time extension request due to hurricanes
South WWTP Summary of Immediate 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 - Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program	September 2008	City/Parish formal RMAP2 Submittal
Response to Public Comments of the Agreement and Order Regarding the	January 2009	City/Parish draft response to public comments regarding the Consent Decree

TABLE 1 DOJ, EPA and LDEQ Submittal History		
Name	Date Submitted	Additional Information
Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)		Modification
Updated Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	February 2009	City/Parish final response to public comments regarding the Consent Decree Modification
Signed Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	April 2009	DOJ/EPA approval of the <i>Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program Report</i> submitted by the City/Parish in September 2008 also included as an attachment in the signed Agreement and Order.
Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal – Civil Action No. 01-978-B-M3 (M.D. La.)	July 2011	City/Parish formal Request for Time Extension/Modification of the Compliance Schedule

As of June 30, 2012 there have been 57 Consent Decree reporting deliverables submitted on or ahead of schedule. The reporting details are shown in Table 2 below.

TABLE 2 Summary of Consent Decree Reporting Deliverables				
		Deadline	Completion	Resubmission/ Update
Quarterly Reports				
	40 th	30-Apr-12	26-Apr-12	
	39 th	31-Jan-12	26-Jan-12	
	38 th	31-Oct-11	26-Oct-11	
	37 th	31-Jul-11	27-Jul-11	
	36 th	30-Apr-11	27-Apr-11	
	35 th	31-Jan-11	28-Jan-11	
	34 th	31-Oct-10	25-Oct-10	
	33 rd	31-Jul-10	26-Jul-10	
	32 nd	30-Apr-10	26-Apr-10	
	31 st	31-Jan-10	25-Jan-10	
	30 th	31-Oct-09	23-Oct-09	
	29 th	31-Jul-09	24-Jul-09	
	28 th	30-Apr-09	24-Apr-09	
	27 th	31-Jan-09	30-Jan-09	
	26 th	31-Oct-08	17-Oct-08	
	25 th	31-Jul-08	25-Jul-08	
	24 th	30-Apr-08	20-Apr-08	
	23 rd	31-Jan-08	23-Jan-08	

TABLE 2
Summary of Consent Decree Reporting Deliverables

		Deadline	Completion	Resubmission/ Update
Quarterly Reports				
	22 nd	31-Oct-07	23-Oct-07	
	21 st	31-Jul-07	23-Jul-07	
	20 th	30-Apr-07	25-Apr-07	
	19 th	31-Jan-07	26-Jan-07	
	18 th	31-Oct-06	25-Oct-06	
	17 th	31-Jul-06	28-Jul-06	
	16 th	30-Apr-06	24-Apr-06	
	15 th	31-Jan-06	23-Jan-06	
	14 th	31-Oct-05	21-Oct-05	
	13 th	31-Jul-05	15-Jul-05	
	12 th	30-Apr-05	11-Apr-05	
	11 th	31-Jan-05	24-Jan-05	
	10 th	31-Oct-04	27-Oct-04	
	9 th	31-Jul-04	26-Jul-04	
	8 th	30-Apr-04	23-Apr-04	
	7 th	31-Jan-04	30-Jan-04	
	6 th	31-Oct-03	30-Oct-03	
	5 th	31-Jul-03	17-Jul-03	
	4 th	30-Apr-03	24-Apr-03	
	3 rd	31-Jan-03	27-Jan-03	
	2 nd	31-Oct-02	23-Oct-02	
	1 st	31-Jul-02	23-Jul-02	
Annual Reports				
	2011	31-Jan-12	28-Jan-12	
	2010	31-Jan-11	28-Jan-11	
	2009	31-Jan-10	31-Jan-10	30-Apr-10
	2008	31-Jan-09	31-Jan-09	
	2007	31-Jan-08	31-Jan-08	
	2006	31-Jan-07	27-Jan-07	
	2005	31-Jan-06	24-Jan-06	
	2004	31-Jan-05	31-Jan-05	
	2003	31-Jan-04	30-Jan-04	
	2002	31-Jan-03	29-Jan-02	
	Collection System PMP Plan	30-Mar-01	29-Mar-01	
	Treatment Plant PMP Plan	30-Mar-01	29-Mar-01	
	Treatment Facility Assessment Report	30-Mar-02	26-Mar-02	
	SEP Completion Report	15-Sep-04	10-Sep-04	

TABLE 2 Summary of Consent Decree Reporting Deliverables			
	Deadline	Completion	Resubmission/ Update
Quarterly Reports			
2 nd RMAP Report	1-Dec-02	20-Nov-02	8-Sep-08
RMAP1 Completion Report	30-Apr-11	27-Apr-11	
Updated Outreach and Public Awareness Plan		13-Nov-01	27-Apr-11

RMAP1 Status and Schedule for Completion

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

Since the date of entry into the Consent Decree, the City/Parish has been diligently working on the design and construction of these RMAP1 projects and has completed most of them either on, or ahead of schedule. 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 that affected some of these projects.

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 not yet begun were all re-examined, and some wound up not fitting into the “new” plan. These projects were then shelved, and others were re-evaluated to see if they fit into the new plan. During this time period the City/Parish’s consultants that were hired to help plan and execute these projects changes 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.

The City/Parish re-submitted RMAP1 milestones as outlined in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). As previously mentioned, the 2009 Consent Decree Modification was approved in April 2009 by DOJ, EPA, and LDEQ. This approval formally accepted the RMAP1 milestones presented in the *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008).

The current status of the RMAP1 projects is presented in Table 3 below. All 14 RMAP1 projects are functionally completed, and 13 of the 14 were done either on, or ahead of schedule. The RMAP1 - Industriplex has had several issues arise during the construction phase pertaining to unavoidable utility conflicts, difficult easement acquisitions, alignment changes, and permitting and other utility coordination issues that have caused significant delays with the project which could not be overcome by reasonable actions by the City/Parish and its construction contractor. This project has been functionally complete and in operation since 1st quarter 2011. The City/Parish asserts that this project is not susceptible to stipulated penalties due to the circumstances of the delay beyond the control of the City/Parish. The circumstances behind the delay are explained in detail below and have been also mentioned in the previous Quarterly EPA Reports. The *RMAP1 Completion Report* which is included in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* at the end of the 36th Quarterly EPA Report.

TABLE 3				
<i>EPA Consent Decree Summary and RMAP1 Milestones</i>				
		RMAP1 Projects Completed	RMAP1 Projects Completed	Project Status Summary
Milestone Date		May 4, 2007	Proposed on September 1, 2008	
Construction Status		Complete	Complete	
Consent Decree Projects	Corresponding City/Parish Projects			
RMAP1 Projects				
N-05 PS 24 Area Upgrades	*PS 24/43 Area Upgrade (01-RMP-N05)	✓		
N-06 PS 43 Area Upgrades				
N-09 PS 44/46 Area Upgrades	PS 44/46 Area Upgrades (01-RMP-N09)	✓		
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	✓		
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	✓		
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	✓		
	**Frenchtown Road Sewer Rehab. (03-RMP-N15)	✓		
	**North Area Comprehensive Rehab. (03-RMP-N23)	✓		
	**PS 45 Area Rehab. (00-RMP-N31)	✓		
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)	✓		
S-01B SWWTP Influent PS	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)	✓		
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	✓		
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)	✓		
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	✓		
	PS 944 Area Upgrade (99-RMP-S99)	✓		

TABLE 3				
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		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				
	PS 177 Area Upgrade (99-RMP-S99)	✓		
	**PS 211 Area Upgrades (99-RMP-S11)	✓		
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2			RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
N-04 PS 47 Area Upgrades	N-04 PS 47 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-07 PS 39/55 Area Upgrades	N-07 PS 39/55 Area Upgrades			RMAP1 project suspended. Project is included as RMAP2: Group Project 1B – Veterans Memorial Parkway PS FM.
N-11 PS 65 Area Upgrades	PS 65 and 65A Area Upgrades (01-RMP-N11)			Project suspended. Evaluated for inclusion in RMAP2 and Master Plan. Project proposed as a part of the Master Plan.
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		4 th Quarter 2008	Project completed – 4th quarter 2008 (at 80% complete with construction). Project was in dispute with construction contractor. Both parties reached an agreement on terms and job was closed at 80% complete.
N-12 North Sewer Rehab Projects	North Sewer Rehab Projects (03-RMP-N12)		4 th Quarter 2007	Project completed – 4th quarter 2007.
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 nd Quarter 2010	Project completed – 1st quarter 2011.
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 nd Quarter 2010	Project completed – 2nd quarter 2009.
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 nd Quarter 2010	Project completed – 2nd quarter 2010.
*Notes: This project was executed as a combination of two RMAP1 projects				
**Notes: These projects were added as RMAP1 projects by the City/Parish after entry into the Consent Decree				
***Notes: This RMAP1 project was split up into multiple projects for better execution				

RMAP2 Project Descriptions and Schedule for Completion

The City/Parish and CH2M HILL are actively moving forward with the execution of the RMAP2 projects included herein, as outlined in the April 2009 Consent Decree Modification by DOJ, EPA, and LDEQ that adopts the corresponding *Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge Sanitary Sewer Overflow Control and Wastewater Facilities Program* (September 2008). In preparing this report, the locations of known overflows were given the highest priority in order to reduce the frequency of these overflows, in addition to those projects required to get the wastewater treatment plants in compliance with their National Pollution Discharge Elimination System (NPDES) permits. Areas of the collection system that were found to have excessive levels of infiltration or inflow were identified for rehabilitation. Hydraulic capacity improvement projects were sized to accommodate the predicted designed peak wet weather flows and anticipated growth in the project areas. Peak wet weather flows were predicted based on the previously selected/inherited (2002) 2-year frequency, 12-hour duration design storm approved by the EPA prior to 2006. Many of these RMAP2 projects are currently underway due to the very tight schedule required by the Consent Decree. The RMAP2 project milestone schedules are extremely compressed. To this end, given that it takes approximately 2 to 4 years for a typical project to be completed through the pre-design, design, and construction phases, most projects are being worked on simultaneously.

During the early part of 2011 the North Wastewater Treatment Plant experienced significant odor problems later associated with illegal dumping of chemicals from a truck wash facility. The dumping resulted in an upset of the plant processes and more severe odor problems than the plant had experienced in the past. Concerned neighbors and others have been petitioning the City/Parish for action. The City Parish responded by bringing in special operations experts to help restore plant functions and reduce odors. In addition, the City/Parish asked CH2M HILL to evaluate longer term capital needs at the plant with a focus on improved operations and odor reduction. The City/Parish is cooperating fully with LDEQ and US EPA to address the illegal dumping. Out of these actions, discussion has begun with LDEQ regarding North Wastewater Treatment Plant improvements that are not currently part of the Consent Decree RMAP2 program. Without changes, the North Wastewater Treatment Plant improvements cannot be initiated until completion of the program in 2015. The City/Parish is evaluating alternatives and may propose a formal consideration of program adjustments that would accelerate the North Wastewater Treatment Plant work with minimal impact on the Consent Decree Program objectives.

As of June 30, 2012 there are 19 RMAP2 projects functionally completed (ahead of schedule), 40 projects under construction, and 27 projects under design, and the City/Parish hasn't hit the peak of activities which is projected to be sometime later this year. There is growing concern that the sheer number of projects actively under construction from 2012-2014 will overwhelm administrative capacity and ability to manage projects efficiently with reasonable impacts on the public. Efforts are being made to look at schedule adjustments that provide for better project management and use of resources.

The City/Parish is seeing many of the effects from the ramping up of the design and construction activities. In recent quarters, contractor availability and high bid prices have become issues of trepidation, however in the last quarter this has remained in check. In addition, the capacity of both internal and external support functions is becoming an issue of growing concern. Particularly due to the stresses already placed on several key support roles specifically with regards to the City/Parish procurement system, easement and right-of-way acquisition, and state/local permit acquisitions/approvals. All of these support systems are already strained and the peak of RMAP2 work is yet to come in sometime later in 2012.

Bidding, constructing and closing out so many projects at the same time to meet a milestone schedule that was completed before significant project design, requires administrative and technical resources to be stretched, and project management is more difficult than if the schedule were driven by technical and best management approaches. Impacts of the large number of projects under construction on local traffic and neighborhoods are also a serious concern. The City/Parish and CH2M HILL are evaluating strategies to manage the potential impacts as more projects are bid and contractor bonding capacity may be exceeded. The City/Parish is

working hard to keep projects on schedule and to maintain the financing plan in spite of significant impacts from previous hurricanes and US and regional economic conditions. It is possible that these conditions may potentially impact projects in the future.

The City/Parish continues documenting the impact of force majeure events that have affected the Baton Rouge Area (including Hurricanes like Katrina, Rita, and Gustav, the Gulf of Mexico oil spill, Mississippi River flood, Tropical Storm Lee, or other extreme storm events). The Consent Decree schedule is very demanding and the time lost in the past years from these events has affected the critical early planning stages of the program. The City/Parish considers that it is important to keep track of these events in regards to their potential affect on schedule and compliance, and also their affect on the associated construction costs and contractor availability for RMAP2 project work. The City/Parish will continue to regularly document all RMAP2 project changes related to force majeure events, with the intent that this documentation may be used to support a request for time extension at some later date for some projects if it is deemed necessary.

The City/Parish has also voluntarily begun aggressively implementing several projects outside of the scope of the Consent Decree RMAP2 requirements which will have significant benefits to those living and working throughout the City/Parish at their additional expense. Many of the projects are being undertaken solely to improve the operation and maintenance of the wastewater collection system and treatment facilities which should further help reduce SSO risk throughout the City/Parish. Some of these projects are as follows:

- **Stand-by Power Program** - This project will drastically reduce SSOs caused by power outages at the 400+ pump stations in the system, by providing stand-by power at the pump stations. This program consists of installing generators at every wastewater pump station and wastewater treatment facility throughout the City/Parish that can be put in place during power outages, eliminating the risk of overflows from this cause.

Status: Generator purchasing began in 2010, and generator installation began in 2011. Program will continue for the duration of SSO Program.

- **SCADA Project** - the SCADA Project will provide telemetry and remote monitoring to all existing pump stations, new pump stations, and those pump stations being replaced. The project provides remote monitoring of operations data & alarms that will be communicated via telemetry to a centralized operations center. The centralized operations center will have control capability for major pump stations and storage facilities in the system, allowing flow control to anticipate and reduce the possibility of overflows and/or reduce their severity. The remote monitoring will help City/Parish staff quickly respond to mechanical and electrical problems at the pump stations.

Status: SCADA project is currently under design and will advertise for construction in 3rd quarter 2012. Project will continue for the duration of SSO Program.

- **Choctaw Maintenance Facility** - the Choctaw Administration/Maintenance Facility will consolidate several separate City/Parish facilities to one location. The facility will house the wastewater collections staff, provide warehouse and equipment storage, house the electrical and pump maintenance shops, and include a fueling station for use by City/Parish employees. The site is centrally located in the parish, so the maintenance facility will allow staff to be efficiently deployed to all areas of DPW's sewer network. The pump maintenance shop will include a pump testing pit, which allows the City/Parish to test pumps at the shop rather than testing at the South WWTP Maintenance/Lab/Control Room..

- **Status:** Project is currently under design. This project will begin construction in 2013.

- **North Wastewater Treatment Plant Odor Control Project** - the North WWTP Odor Control Project is designed to minimize odors from the WWTP headworks building

- **Status:** Project is complete.
- **Comite Drive – Foster Road Phase 2 Project** - this project includes an upgrade to the existing sewer system that runs along Comite Drive. The current sewer system in this area is individual septic systems that discharge into an open ditch along the road. A new sewer collection system is being installed to eliminate these discharges. The project consists of new sewers, forcemains, and pump stations.
 - **Status:** Project is complete.

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 on-going refinements may alter the RMAP2 projects to improve their effectiveness. However, with the EPA and LDEQ approval, the City/Parish plans to regularly document all RMAP2 project changes (scope changes, project additions, project deletions, and schedule changes) in the Quarterly and Annual EPA Reports.

During the last two quarters of 2009, the RMAP2 projects were being re-evaluated as a part of the Program Delivery Plan Update (2009 PDP Update), and as a result some projects were depicted differently in the tables below. Several construction sequencing issues were discovered, resulting in the combining of several capacity improvement projects to minimize these issues. In addition, several rehabilitation projects have been split up for ease of management and execution of the design and construction work associated with the rehabilitation projects. Also, some project names have been altered so that the commonly used names of the projects are utilized from here forward. There are two capacity projects [Airline Highway – Jefferson Highway and Staring Lane FM B – PS58 Improvements (Highland to Perkins)] whose milestone dates are adversely affected as a result of these project changes. The Airline Highway – Jefferson Highway project was combined with 2 other projects who both had later milestone dates, so it was determined that the later milestone date would be used for the merged project. The City/Parish has already completed several projects ahead of schedule, and it is anticipated that several additional projects will be positively impacted by these modifications and completed ahead of their milestone schedules. Please note that even though the execution and naming of some of these projects has changed that overall no scope of the RMAP2 has been removed or deleted. The RMAP2 project modifications depicted in the tables below have been approved by the City/Parish so they have been incorporated into this and all other upcoming Quarterly and Annual EPA Reports and those that follow. See the notes in the “Project Status Summary” columns in Tables 4, 5, and 6 for more details.

The 2010 Annual PDP update was completed and all changes approved by the City/Parish for the year ending in 2010. So far, several upcoming projects in 2011 have had minor scope changes due to technical issues, such as re-routing of gravity sewers or forcemains to avoid other utilities or land issues. In addition, there are several projects that have been split up for ease of construction management, and also to help shorten construction durations so that the EPA milestone schedules will be easier to achieve. All changes are reflected in the notes in the “Project Status Summary” columns in Tables 4, 5, and 6.

The 2011 Annual PDP update has been completed and approved by the City/Parish for the year ending in 2011. There have been only minor changes incorporated in the latest version of the report. These changes are due to projects that have been split up for ease of construction management, and also to help shorten construction durations so that the EPA milestone schedules will be easier to achieve. All changes are reflected in the notes in the “Project Status Summary” columns in Tables 4, 5, and 6.

As noted in Table 1, the City/Parish submitted a request for time extension for the RMAP2 projects listed below. The City/Parish has begun incorporating minor schedule modifications in order to take into account some of the proposed changes included in the request for time extension in anticipation of its approval.

The RMAP2 projects are separated into three categories with descriptions and schedules provided for all projects, current through June 30, 2012.

Category 1: Comprehensive Sewer Basin Rehabilitation

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

Table 4 presents the Category 1 comprehensive rehabilitation sub-basin projects and anticipated delivery milestone schedules. Project status summaries are provided for those projects already underway, current through June 30, 2012.

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

TABLE 4				
EPA Consent Decree RMAP2 Milestones for Category 1 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Jefferson Hwy – HooShooToo Road	✓			Project completed – 3rd quarter 2009.
Staring Lane - Boone Drive	✓			Now called “Staring Lane – Boone Drive Area Rehabilitation Project”. Project completed – 2nd quarter 2010.
Gardere Lane - Burbank Road	✓			Now called “Burbank Drive – Gardere Lane Area Rehabilitation Project”. Project completed – 4th quarter 2010.
Oak Villa Blvd - Choctaw Street	✓			Now called “Oak Villa – Choctaw Street Area Rehabilitation Project”. Waiting on contract close-out paperwork. Project completed – 3rd quarter 2011.
Scotland Avenue - Progress Road	✓			Now called “Scotland Avenue – Progress Road Area Rehabilitation Project”. Project completed – 2nd quarter 2011.
Elm Grove Garden Road - Harding Blvd	✓			Now called “Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project”. Waiting on contract close-out paperwork. Project completed – 3rd quarter 2011.
Sharp Road - Florida Blvd	✓			Now called “Sharp Road – Florida Boulevard Area Rehabilitation Project”. Construction approximately 93% complete and on-going.
Kenilworth Blvd - Boone Drive	✓			Now called “Kenilworth Boulevard – Boone Drive Area Rehabilitation Project”. Construction approximately 98% complete and on-going.
Foster Drive - Government Street	✓			Project split into 2 phases for ease of management during construction. Overall scope the same. Now called “Phase A Foster Drive – Government Street Area Rehabilitation Project, and Phase B Foster Drive – Government Street Area Rehabilitation Project”. Phase A –Additional repairs were added to the contract. Waiting on contract close-out paperwork. Project completed – 4th quarter 2011. Phase B –Construction approximately 92%

TABLE 4				
EPA Consent Decree RMAP2 Milestones for Category 1 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
				complete and on-going.
Silverleaf Road - Ford Street	✓			Now called "Silverleaf Road – Ford Street Area Rehabilitation Project". Construction approximately 59% complete and on-going.
Brookstown Road - Evangeline Street	✓			Project split up into 2 phases for ease of management. Overall scope the same. Now called "Brookstown Road - Evangeline Street Phase I Area Rehabilitation Project" and "Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project". Phase I –Construction approximately 90% complete and on-going. Phase II – Construction approximately 56% complete and on-going.
Bluebonnet Blvd - Jefferson Hwy		✓		Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project" and "Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project". Phase I –Construction approximately 50% complete and on-going. Phase II –Construction approximately 33% complete and on-going.
Highland Road - Washington Street	✓			Now called "Highland Road – Washington Street Area Rehabilitation Project". Project is experiencing minor delays at this time due to changes with the proposed extension schedule. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. At this time the construction contractor is projecting the project to be functionally complete early 1 st quarter 2013. Construction approximately 22% complete and on-going.
Stanford Avenue - Morning Glory Road	✓			Now called "Standford Avenue – Morning Glory Road Area Rehabilitation Project". Construction approximately 85% complete and on-going.
Airline Highway - Goodwood Blvd		✓		Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project" and "Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project". Phase I –Final design completed. Advertisement for bids for construction underway. Construction contractor selected and construction NTP expected to be issued 3 rd quarter 2012. Phase II – Final design submitted and reviewed.. Advertisement for bids for construction expected to begin 3 rd quarter 2012.

TABLE 4				
EPA Consent Decree RMAP2 Milestones for Category 1 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Acadian Thruway - Claycut Road	✓			Now called "Acadian Thruway – Claycut Road Area Rehabilitation Project". Construction approximately 10% complete and on-going.
Acadian Thruway - Perkins Road	✓			Now called "Acadian Thruway – Perkins Road Area Rehabilitation Project". Construction approximately 70% complete and on-going.
Antioch Road - Chadsford Drive		✓		Now called "Antioch Road – Chadsford Drive Area Rehabilitation Project". Physical inspection complete. Survey approximately 75%. Data analysis and report submitted and reviewed. Design expected to be underway early 3 rd quarter 2012.
Jones Creek Road - Tiger Bend Road		✓		Now call "Jones Creek Road – Tiger Bend Road Area Rehabilitation Project". Physical inspection complete. Data analysis and report review complete. Design NTP issued and on-going. Design expected to be complete 3 rd quarter 2012.
Scenic Highway - Spanish Town Road			✓	Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project" and "Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project". Phase I – Physical inspection complete. Phase II – Project not started yet.
Siegen Lane - Interstate 10		✓		Now called "Siegen Lane – Interstate 10 Area Rehabilitation Project". Project not started yet.
Interstate 110 - Hollywood Street		✓		Now called "Interstate 110 – Hollywood Street Area Rehabilitation Project". Project not started yet.
Ardenwood Drive - Winbourne Street			✓	Now called "Ardenwood Drive – Winbourne Street Area Rehabilitation Project". Project not started yet.
Flannery Road - Florida Blvd			✓	Project split up into 2 phases for ease of execution. Overall scope the same. Now called "Flannery Road – Florida Boulevard Area – Phase I Rehabilitation Project" and "Flannery Road – Florida Boulevard Area – Phase II Rehabilitation Project" Phase I – Project not started yet. Phase II – Project not started yet.
East Boulevard - Government Street			✓	Now called "East Boulevard – Government Street Area Rehabilitation Project". Project not started yet.
North 38th Street - Gus Young Avenue			✓	Now called "North 38 th Street – Gus Young Avenue Area Rehabilitation Project". Project not started yet.

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 5 presents a list of Category 2 projects with corresponding milestone schedules. Project status summaries are provided for those projects already underway, current through June 30, 2012.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Capitol Lake Drive - Gayosa Street	✓			Now called "Capitol Lake – Gayosa Street Area Capacity Improvements". A portion of 25 th and North Acadian Thruway Project is included in this project to eliminate construction conflicts. Project completed – 2nd quarter 2012.
Gurney Road - Joor Road	✓			Project completed – 4th quarter 2009.
Multiple Pump Stations - Lovett Road Area	✓			Also called "Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades". Project completed – 1st quarter 2011.
Comite Road - Foster Road	✓			Now called "Comite Road – Foster Road Sewer Area Upgrades - Phase I". Phase I – Project completed – 2nd quarter 2010. Note that there is a "Comite –Foster Road Sewer Area Upgrades - Phase II". Project completed – 1st quarter 2011.
Foster Road - Hooper Road	✓			Now called "Foster Road – Hooper Road Sewer Area Upgrade". Project completed – 4th quarter 2010.
Zachary Area Transmission Network Improvements		✓		Project has been split up into 4 phases for ease of execution (Previously called Red Mud Lakes and Hwy 61 Zachary/Baker). Now called "Zachary Area Transmission Network Improvements: Phase I - 3 Pump Stations and Equalization Basin, Phase II – Red Mud Lakes Forcemain to NWWTP, Phase III – Forcemain to Highway 964 to Red Mud Lakes, Phase IV – Zachary Improvements". Phase I – Construction approximately 68% complete and on-going. Phase II – Advertisement for bids underway. Construction NTP expected to be issued early 3 rd quarter 2012. Phase III – Contractor having difficulty with pipe delivery of large diameter ductile iron pipe, however project still on schedule. Construction approximately 2% complete and on-going. Phase IV – Construction punch list work underway. Project completed – 1st quarter 2012.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
South Boulevard - St. Joseph Street	✓			Now called "South Boulevard – St. Joseph Street Sewer Area Upgrades". Note that a portion of the 25 th and North Acadian Thruway Project is included in this project to eliminate construction conflicts. Construction punch-list work underway. Construction approximately 93% complete and on-going.
Downtown Area - PS59 Improvements	✓			Now called "Downtown Area Pump Station Improvements". Project merged with Downtown Area PS15, PS19, and PS60 Improvements. Significant scope addition to project during design. Construction approximately 94% complete and on-going.
Downtown Area - PS15, PS19 & PS60 Improvements	✓			Now called "Downtown Area Pump Station Improvements". Project merged with Downtown Area PS59 Improvements. Significant scope addition to project during design. Construction approximately 94% complete and on-going.
Highland Road - Buchanan Street	✓			Now called "Highland Road – Buchanan Street Sewer Area Upgrades". Project completed - 4th quarter 2011.
Citiplace/Essen Area - PS119 & Forcemain Improvements	✓			Construction punch-list work underway. Construction approximately 90% complete and on-going.
North Capacity Group 1A - Veterans Memorial Parkway - Gravity Mains		✓		Now called "Group Project 1A (Metro Airport Sewer Upgrades)". Construction approximately 20% complete and on-going.
North Capacity Group 1B - Veterans Memorial Parkway - PS and FM		✓		Also called "Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)". Project has experienced minor delays due to PS relocation and now delays due to land acquisition issues (lot of land with title issues). The City/Parish will take necessary steps in cooperation with the contractor to meet the planned completion date. Land acquisition underway. Advertisement for bidding underway. Construction NTP expected to be issued 3 rd quarter 2012.
Perkins/Old Perkins Area - Booster PS 514 Improvements		✓		Construction approximately 30% complete and on-going.
Group 2 - Small Pump Stations	✓			Now called "Group Project 2 (Old Perkins – Highland Road Area Upgrades)". Project completed - 2nd quarter 2012.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Highland Road - Burbank Drive	✓			Now called "Highland Road – Burbank Drive Capacity Improvements". Land acquisition underway. Project has experienced minor delays at this time due to utility relocation, land acquisition issues, and delay due to pipe delivery. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Contractor considering bringing in more crews. At this time, contractor is project to be functionally complete 1 st quarter 2013. Construction is approximately 65% complete and on-going.
Nicholson Dr - Highland Rd - Perkins Rd		✓		Now called "Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A" and "Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B". Note that a portion of this project (25%) has been separated out into phase A for early construction to eliminate conflicts with a nearby development. Phase A –Project completed - 1st quarter 2012. Phase B – Final design submitted. Advertisement for bids expected to be underway 3 rd quarter 2012. LSU portion of project to be moved into the Multiple PS – Nicholson – Brightside Project due to land acquisition delays with LSU.
Perkins Road - Dahlia Street		✓		Now called "Bayou Duplantier Area Sewer Upgrades". Construction NTP issued. Construction approximately 1% complete and on-going.
25th Street - North Acadian Thruway	✓			Final design submitted and reviewed. NOTE: Portions of this project to be bid with both the Capital Lake – Gayosa Drive Project, and the South Blvd. – St. Joseph Street Project to eliminate construction conflicts. Since design of 25 th – North Acadian Thruway is completed and construction work was combined with these two separate projects, this project has been closed. Please see status construction updates for the two projects mentioned above.
Government St - South Acadian Thruway		✓		Land acquisition on-going. Final design expected to be submitted and reviewed and advertisement for bids expected to be underway 3 rd quarter 2012.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Plank Road - Kleinpeter Road		✓		Now called "Plank Road – Kleinpeter Road Sewer Area Upgrades". Project has experienced minor delays at this time due to construction conflicts with PS 45 and land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Land acquisition underway. Advertisement for bidding expected to be underway 3 rd quarter 2012.underway.
O'Neal Lane - Jones Creek Road		✓		Now called "O'Neal Lane Pipeline Improvements – A" and "O'Neal Lane Pipeline Improvements – B". Project originally merged with O'Neal Lane – Tiger Bend Road project for ease of management and limit construction disruption in the area; however the project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules. Phase A - Final design expected to be submitted and reviewed 3 rd quarter 2012. Design on-going. Phase B - Final design submitted and reviewed. Advertisement for bids for construction expected to begin 3 rd quarter 2012.
O'Neal Lane - Tiger Bend Road		✓		Now called "O'Neal Lane Pipeline Improvements – A" and "O'Neal Lane Pipeline Improvements – B". Now called "O'Neal Lane Pipeline Improvements". Project merged with O'Neal Lane – Jones Creek Road project for ease of management and limit construction disruption in the area; however the project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules. Phase A - Final design expected to be submitted and reviewed 3 rd quarter 2012. Design on-going. Phase B - Final design submitted and reviewed. Advertisement for bids for construction expected to begin 3 rd quarter 2012.
Multiple PS - Nicholson Dr - Brightside Dr		✓		Project has experienced minor delays at this time due to construction sequencing and LSU land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Advertisement for bids underway. NTP for construction expected 3 rd quarter 2012.

TABLE 5				
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				
PS 58A Overflow Pump Station		✓		Now called "Pump Station 58 Capacity Improvements". Final design submitted and reviewed. There have been issues with obtaining LSU land which have caused minor delays. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Bids opened. Construction NTP expected 3 rd quarter 2012.
Staring Lane FM A - Burbank to Highland	✓			Now called "Staring Lane FM (Phase I - Burbank Drive to Highland Road)". Constructed with City's Green Light Program project to eliminate potential constructability issues arising in that area. Project completed – 2nd quarter 2010.
Staring Lane FM B – PS58 Improvements (Highland to Perkins)	✓			Now called "Staring Lane FM (Phase II - Highland road to Perkins Road)". Project projecting to be delayed at this time, though the City/Parish is working with the contractor to minimize the delay. Project is to be constructed with City's Green Light Program project to eliminate potential constructability issues arising in that area which is the main cause of the delay. The anticipated construction completion date is 3 rd quarter 2013. There have been issues with utility relocation during construction phase. Construction approximately 1% complete and on-going.
Staring Lane FM C - Perkins to PS 58		✓		Now called "Staring Lane FM (Phase III - Perkins to PS58)". Construction approximately 8% complete and on-going.
Multiple PS - Jefferson Hwy - Park Forest Dr		✓		Construction approximately 85% complete and on-going.
Airline Highway - Jefferson Highway		✓		Now called "Airline Highway Pipeline Improvements". Project merged with both the Essen Lane – Interstate 12 project and the Airline Highway – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Project has experienced minor delays at this time due to land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Final design submitted and under review. Advertisement for bids expected to begin 2 nd quarter 2013.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Essen Lane - Interstate 12			✓	Now called "Airline Highway Pipeline Improvements". Project merged with both the Airline Highway – Jefferson Highway project and Airline Highway – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Project has experienced minor delays at this time due to land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date Final design submitted and under review. Advertisement for bids expected to begin 2 nd quarter 2013.
Multiple PS - Highland Road - Kenilworth Parkway			✓	Final design expected to be submitted 4 th quarter 2012. Design on-going.
Multiple PS - Florida Blvd - Sherwood Forest Blvd			✓	Now called "Florida Boulevard Pump Station Improvements". Project merged with Airline/Florida Boulevard Area – PS30 Improvements & New PS project for ease of management and to eliminate construction sequencing issues. 60% design expected to be submitted 3 rd quarter 2012. Design on-going.
Multiple PS - Plank Road - Thomas Road			✓	Now called "Plank Road PS Improvements". Project merged with Multiple PS – Plank Road – Harding Boulevard project for ease of management and to eliminate construction sequencing issues. Design NTP issued. 30% design expected to be submitted and reviewed 3 rd quarter 2012. Design on-going.
Multiple PS - Plank Road - Harding Boulevard			✓	Now called "Plank Road PS Improvements". Project merged with Multiple PS – Plank Road – Thomas Road project for ease of management and to eliminate construction sequencing issues. Design NTP issued. 30% design expected to be submitted and reviewed 3 rd quarter 2012. Design on-going.
Multiple PS - Highway 61 - Plank Road			✓	Design NTP issued. 15% design is underway and expected to be submitted 3 rd quarter 2012. Design on-going.

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Multiple PS - Jones Creek Rd - Tiger Bend Rd			✓	<p>Project now split into 2 projects for ease of construction. Now called "O'Neal Lane Pump Station A" and "O'Neal Lane Pump Station B". Was previously called "O'Neal Lane Pump Station Improvements" which was a project that was created from merging 3 projects that included this project and both the Multiple PS – O'Neal Ln – S. Harrells Ferry Rd project and the Multiple PS – O'Neal Ln. – Interstate 10 project for ease of management and to eliminate construction sequencing issues.</p> <p>O'Neal Lane Pump Station A - 60% design submitted and under review. 90% design expected to be submitted 3rd quarter 2012. Design on-going.</p> <p>O'Neal Lane Pump Station B - 60% design submitted and under review. 90% design expected to be submitted 3rd quarter 2012. Design on-going</p>
Airline Highway - Interstate 12			✓	<p>Now called "Airline Highway Pipeline Improvements". Project merged with both the Airline Highway – Jefferson Highway project and the Essen Lane – Interstate 12 project for ease of management and to eliminate construction sequencing issues. Project has experienced minor delays at this time due to land acquisition issues. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. Final design submitted and under review. Advertisement for bids expected to begin 2nd quarter 2013.</p>
Florida Boulevard - Sherwood Forest Boulevard			✓	<p>Now called "Sherwood Forest Blvd – Goodwood Blvd Pipeline Projects". Project merged with Florida Boulevard - Sherwood Forest Boulevard project for ease of management and to eliminate construction sequencing issues. 30% design expected to be submitted 4th quarter 2012. Design on-going.</p>
Goodwood Boulevard - South Flannery Road			✓	<p>Now called "Sherwood Forest Blvd – Goodwood Blvd Pipeline Projects". Project merged with Goodwood Boulevard – South Flannery Road project for ease of management and to eliminate construction sequencing issues. 30% design expected to be submitted 4th quarter 2012. Design on-going.</p>
Joor Road - Greenwell Springs Road			✓	<p>30% design expected to be submitted 3rd quarter 2012. Design on-going.</p>
Plank Road - Port Hudson Pride Road			✓	<p>Design NTP issued. 15% design submitted and reviewed. 30% design expected to be submitted 3rd quarter 2012. Design on-going.</p>

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Essen Lane - Highland Road			✓	<p>Project now split into 2 projects for ease of construction. Now called "Highland Road Pipeline Improvements - A" and "Highland Road Pipeline Improvements - B". Project originally merged with Highland Road - Lee Drive project for ease of management and to eliminate construction sequencing issues; however the project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules.</p> <p>Highland Road Pipeline Improvements -A - 60% design submitted and reviewed. 90% design expected to be submitted 3rd quarter 2012. Design on-going.</p> <p>Highland Road Pipeline Improvements - B - - 60% design submitted and reviewed. 90% design expected to be submitted 3rd quarter 2012. Design on-going.</p>
Oak Villa Boulevard - Monterey Boulevard			✓	<p>15% design submitted and reviewed. 30% design expected to be submitted 3rd quarter 2012. Design on-going.</p>
Lovett Road - Greenwell Springs Road			✓	<p>Now called "Lovett Road - Greenwell Springs - A" and "Lovett Road - Greenwell Springs B". This project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules..</p> <p>Lovett Road - Greenwell Springs - A - 60% design submitted and reviewed. 90% design expected to be submitted 3rd quarter 2012. Design on-going.</p> <p>Lovett Road - Greenwell Springs - B - 30% design submitted and reviewed. 60% design expected to be submitted early 3rd quarter 2012. Design on-going.</p>

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Highland Road - Lee Drive			✓	<p>Project now split into 2 projects for ease of construction. Now called "Highland Road Pipeline Improvements - A" and "Highland Road Pipeline Improvements - B". Project originally merged with Highland Road - Lee Drive project for ease of management and to eliminate construction sequencing issues; however the project has been split up into 2 phases to help shorten the contractor construction durations in order to meet the EPA milestone schedules..</p> <p>Highland Road Pipeline Improvements -A - 60% design submitted and reviewed. 90% design expected to be submitted 3rd quarter 2012. Design on-going.</p> <p>Highland Road Pipeline Improvements - B - - 60% design submitted and reviewed. 90% design expected to be submitted 3rd quarter 2012. Design on-going.</p>
Multiple PS - Hooper Rd - Greenwell Springs Rd			✓	<p>Now called "Hooper Road PS Improvements". Project merged with Multiple Booster PS - Hooper Rd - Lovett Rd project for ease of management and to eliminate construction sequencing issues. 60% design expected to be submitted 3rd quarter 2012. Design on-going.</p>
Multiple Booster PS - Hooper Rd - Lovett Rd			✓	<p>Now called "Hooper Road PS Improvements". Project merged with Multiple PS - Hooper Rd - Greenwell Springs Road project for ease of management and to eliminate construction sequencing issues. 60% design expected to be submitted 3rd quarter 2012. Design on-going.</p>
Multiple PS - Prescott Rd - Greenwell Springs Rd			✓	<p>Project definition completed. Design consultant selected and NTP issued. 15% design expected to be completed 3rd quarter 2012. Design on-going.</p>

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Multiple PS - O'Neal Ln – Interstate 10			✓	<p>Project now split into 2 projects for ease of construction. Now called “O’Neal Lane Pump Station A” and “O’Neal Lane Pump Station B”. Was previously called “O’Neal Lane Pump Station Improvements” which was a project that was created from merging 3 projects that included this project and both the Multiple PS – O’Neal Ln – S. Harrells Ferry Rd project and the Multiple PS – O’Neal Ln. – Interstate 10 project for ease of management and to eliminate construction sequencing issues.</p> <p>O’Neal Lane Pump Station A - 60% design submitted and under review. 90% design expected to be submitted 3rd quarter 2012. Design on-going.</p> <p>O’Neal Lane Pump Station B - 60% design submitted and under review. 90% design expected to be submitted 3rd quarter 2012. Design on-going</p>
Multiple PS - O'Neal Ln - S. Harrells Ferry Rd			✓	<p>Project now split into 2 projects for ease of construction. Now called “O’Neal Lane Pump Station A” and “O’Neal Lane Pump Station B”. Was previously called “O’Neal Lane Pump Station Improvements” which was a project that was created from merging 3 projects that included this project and both the Multiple PS – O’Neal Ln – S. Harrells Ferry Rd project and the Multiple PS – O’Neal Ln. – Interstate 10 project for ease of management and to eliminate construction sequencing issues.</p> <p>O’Neal Lane Pump Station A - 60% design submitted and under review. 90% design expected to be submitted 3rd quarter 2012. Design on-going.</p> <p>O’Neal Lane Pump Station B - 60% design submitted and under review. 90% design expected to be submitted 3rd quarter 2012. Design on-going</p>
Airline/Florida Boulevard Area - PS30 Improvements & New PS			✓	<p>Now called “Florida Boulevard Pump Station Projects”. Project merged with Multiple PS - Florida Blvd - Sherwood Forest Blvd project for ease of management and to eliminate construction sequencing issues. 60% design expected to be submitted 3rd quarter 2012. Design on-going.</p>
Multiple PS - Burbank Drive - Siegen Lane			✓	<p>15% design submitted and reviewed. 30% design expected to be submitted 3rd quarter 2012. Design on-going.</p>
Central Consolidation - Central PS42		✓		<p>Now called “Pump Station 42”. Bids opened. Construction NTP expected 3rd quarter 2012.</p>

TABLE 5				
EPA Consent Decree RMAP Milestones for Category 2 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Central Consolidation - Central PS42 FM		✓		<p>Now called "Pump Station 42 Forcemain – Phase I" and "Pump Station 42 Forcemain – Phase II". Project divided into 2 projects for ease of management during construction, and so that the downstream south collection system interrelated projects won't be impacted by LSU land acquisition/construction issues.</p> <p>Phase I - Construction contractor selected. Land acquisition underway. Construction NTP issued. Construction approximately 1% complete and on-going.</p> <p>Phase II –Additional scope added to project (FM from PS1). Land acquisition underway. Construction NTP issued. Construction approximately 1% complete and on-going.</p>
Central Consolidation Eastside PS's - PS 2, 3, 4, 5, 6, 7, & 10		✓		<p>Now called "Central Consolidated Pump Stations". Final design submitted and under review. Construction contractor selected. Land acquisition underway. Construction approximately 5% complete and on-going.</p>
Central Consolidation Eastside FM's - FM from PS 2, 3, 7, 10, & 5		✓		<p>Now called "Central Consolidated FM – Phase I and Central Consolidated FM – Phase 2". Project divided into 2 projects for ease of management and to minimize impact to businesses during construction.</p> <p>Phase I - Construction NTP issued. Construction approximately 1% complete and on-going.</p> <p>Phase 2 - Construction NTP expected 3rd quarter 2012.</p>

Category 3: Wastewater Treatment and Storage

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

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

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

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

In addition, there are two storage projects sized to reduce peak flows to existing North WWTP that are listed below and depicted as well in Table 6:

- Choctaw Storage Facility
- Hooper Storage Facility

These storage projects are part of the transmission system which permits retainage of wet weather peak flows. All five (5) total projects of this type are already underway. The details of the wastewater treatment and storage projects are listed in Table 6 below, and are current through June 30, 2012.

TABLE 6				
EPA Consent Decree RMAP Milestones for Category 3 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
Choctaw Storage, PS 52A, PS 51A, PS 51AA, & FMs, & Return Pipe	✓			Also called "Choctaw Storage and Pump Station Facility". Project has experienced minor delays in processing contracts and is projected to be delayed at this time. However, the City/Parish will take necessary steps in cooperation with the construction contractor to meet the planned completion date. At this time the construction contractor is projecting the project to be functionally complete 1 st quarter 2012. Construction approximately 46% complete and on-going.
Hooper Storage	✓			The project has been delayed due to concerns of the residents in this North area of the City/Parish, which resulted in choosing a new location on the BTR Regional Airport land. This land acquisition issue has resulted in significant delays resulting in

TABLE 6				
EPA Consent Decree RMAP Milestones for Category 3 Projects				
<i>All RMAP2 Projects Will Have Milestone Completion Design Dates - 3rd Quarter 2013</i>				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summary
Milestone Date	4th QTR 2012	1st QTR 2014	4th QTR 2014	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions				
RMAP2 Projects				
				revised design contracts. Location has changed 3 times due to these unforeseen circumstances beyond control of the City/Parish. The anticipated completion of construction is 2 nd quarter 2014. The City/Parish is making every effort to expedite the re-design and construction. The City/Parish is currently, negotiating a design supplement with the design consultant. Final design submitted. Advertisement for bid underway.
South WWTP IAP Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling	✓			Project completed – 2nd quarter 2011.
South WWTP IAP- Effluent Pumping Improvements	✓			Project completed – 1st quarter 2008.
South WWTP - Phase 1		✓		Also called “SWWTP Wet Weather Improvements - Phase I”. Construction is approximately 85% complete and is on-going.
South WWTP - Phase 2			✓	Also called “SWWTP Wet Weather Improvements - Phase II”. Construction is approximately 7% complete and is on-going.

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 has been completed and reviewed/approved by the City/Parish and can be found in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* located at the end of the 36th Quarterly EPA Report.

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

Also the SSO Control and Wastewater Facilities Program Monthly and Quarterly Progress Reports have been made available and distributed to the public. Until now, they have been, and still are, posted on the website for the public to download at their convenience and are always distributed to City/Parish and DPW staff. The plan is for these reports to continue to be distributed to those on the master list and posted on the website, in

addition they will also be handed out or mailed to anyone who requests them throughout the duration of the SSO Control and Wastewater Facilities Program.

SSO program communications continue to provide City/Parish residents with time critical information on SSO Control and Wastewater Facility Program projects, educational information on SSOs, and updates on the status of the Program and related projects. In close collaboration with the Office of the Mayor-President and the Department of Public Works, the Program has initiated a construction communication outreach component to complement the Program's current communication activities. The Program Communication Team has designed and distributed a variety of outreach materials. A telephone hotline for residents to call with questions was developed and coordination between the SSO Program and the Parish's 311 call center was established. Additionally, materials including information letters and handouts, door hangers announcing road closures, were developed and are continuing to be distributed.

Also, during the past quarter, the City/Parish DPW and Program Manager CH2M HILL jointly won the prestigious Apex Award for Publication Excellence for the [Sanitary Sewer Overflow \(SSO\) Program Progress Report](#), serving as a primary method of communication for several key audiences since its first publishing in January 2009. The report is used to communicate program progress for all projects, promote local contractor participation, educate the public on infrastructure and safety issues, and notify residents of construction impacts related to this US\$1.3B SSO program. The report is issued in full-color hard copy and featured on the program website, distributed at public events and community meetings, and direct mailed to program partner agencies, residents, and contractors. Because of its success, the report format has been adapted for use on other programs.

During the last quarter ending June 30, 2012 the following outreach and public awareness activities took place:

April 2012

April 3, 2012: Shenandoah North Homeowners Association Meeting was held at Ahuua's Mexican Restaurant with approximately 20 people in attendance. The meeting was held at the request of the HOA to answer questions residents may have about the infrastructure programs in their area (such as the SSO Program). The SSO Program representative presented information about current SSO Projects in the area with special focus paid to the O'Neal Lane Pump Stations Projects, O'Neal Lane Pipeline Improvements Projects and the Antioch-Chadsford Rehabilitation project. Attendees were interested in learning about the current achievements from the SSO Program.

April 7, 2012: Southern University Small Business Education series was an educational forum held at Southern University School of Business. Approximately 20 students were in attendance to learn about different construction projects throughout the City-Parish. The students learned from an SSO Representative about the construction safety, contracting, common concerns contractors may have when hiring subcontractors and more.

April 21, 2012: Metro Council District 5 Meeting was held at the Holiday Inn South (hotel). Approximately 12 people attended the meeting. The SSO Program was asked to be present in case meeting attendees asked questions about the sewer in their neighborhood. Most of the meeting focused on education issues in East Baton Rouge Parish.

April 24, 2012: Bocage Homeowners Association Meeting was held at the Baton Rouge Garden Center whereas approximately 35 HOA members were present. Residents learned about SSO construction activities and how to get more information from the website. Questions were mainly focused on how property is accessed, what are typical construction methods and how is property restored, including street cleaning, after construction.

May 2012

May 17, 2012: Tune-In Television Program: DPW Director, William Daniel, was asked to speak about the status of the SSO Program on the TUNE-IN morning show for local television station, WBRZ. The 5-minute show consisted of Mr. Daniel speaking about the status of the SSO projects, what our sewer system will look like once the Program is complete, the additional projects that are now included in the SSO Program (backup generators, SCADA and odor control) and the positive economic impacts of the SSO Program for the community.

May 22, 2012: Metro Council District 11 Public Meeting was held at Independence Park Recreation Center. A status of the SSO Program, as well as SSO projects in the area were discussed.

May 23, 2012: Woodgate Homeowners Association Meeting was held at Matherne's Supermarket Wine Tasting Room. Approximately 35 residents were in attendance. Discussions focused on the status of projects near the Woodgate area (Kenilworth/Boone, Highland Road Pipeline Phase A, Multiple PS Highland-Kenilworth).

May 31, 2012: Metro Council District 9 Public Meeting was held at the Jones Creek Library. Projects in the area of district 9 were discussed.

June 2012

June 5, 2012: Metro Council District 10 Public Meeting was held at the Dr. Leo S. Butler Center whereas approximately 40 residents were in attendance. Discussions focused on the status of the SSO Projects in the area. Residents were interested in the process for which contractors are required to leave the construction area after work is finished.

June 7, 2012: Metro Council District 6 Meeting was held at the Gloryland Baptist Church. Approximately 40 residents were in attendance. . Discussions focused on the status of the SSO Projects in the area.

June 7, 2012: Small Business /Business with Baton Rouge Summit was hosted by Mayor/President Kip Holden. Approximately 100 members of the business community attended the summit at the Baton Rouge River Center. The SSO Program hosted a booth at the summit for attendees to network and learn about the SSO Program and potential opportunities with the City-Parish.

June 12, 2012: Metro Council District 10 Leadership Meeting was held at Baton Rouge General Hospital Mid City Conference Room. Five people attended the meeting of which the SSO Representative informed attendees of projects in the area. Benefits of the overall program were discussed.

June 21, 2012: Metro Council District 3 Meeting was held at the Bluebonnet Library. Approximately 20 people were in attendance. Discussion was initiated on the status of the SSO Program and the status of projects in District 3.

Baton Rouge 2002 Consent Decree Quarterly Report
Summary of Activity Totals
April 1 - June 30, 2012

Summary of Activities	1st Quarter (40)		2nd Quarter (41)		3rd Quarter (42)		4th Quarter (43)		Totals		
	40th Quarterly Total	Cum. % Complete	41th Quarterly Total	Cum. % Complete	42th Quarterly Total	Cum. % Complete	43th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)											
Lines Cleaned (ft)	139,986	25%	273,186	72%	0	72%	0	72%	413,172	72%	570,000
CCTV Inspected (ft)	28,072	5%	187,529	38%	0	38%	0	38%	215,601	38%	570,000
Smoke Tested (ft)	9,030		96,835		0		0		105,865		----
Smoke Tested (no. of locations)	2		8		0		0		10		----
Dye Water Flooded (no. of locations)	2		8		0		0		10		----
Manholes Inspected (no.)	43	2%	854	36%	0	36%	0	36%	897	36%	2,500
Lines Repaired (no.)	1,883		1,738		0		0		3,621		----
MH Rehabbed (no.)	265		388		0		0		653		----
Force Mains (240 miles)											
Visual Surface Inspection (miles)	43.8	37%	44.8	74%	0.0	74%	0.0	74%	88.6	74%	120
Repaired (no.)	9		19		0		0		28		----
Air Release Valves (604)											
Inspected/Maintained	219	23%	231	47%	0	47%	0	47%	450	47%	960 to 1,200
Repaired (no.)	50		123		0		0		173		----
Pump & Lift Stations (421)											
Inspections (no.)	18,252	40%	18,291	81%	0	81%	0	81%	36,543	81%	45,136
Wet wells cleaned	106		124		0		0		230		----
Repaired (no.)	17		25		0		0		42		----
Peak Flow Storage Facilities (2)											
Little Peak site visits	39	38%	39	75%	0	75%	0	75%	78	75%	104
Big Peak site visits	39	38%	39	75%	0	75%	0	75%	78	75%	104

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

25%

50%

75%

100%

Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
April 1 - June 30, 2012

North Plant- LA0036439

Summary of Activities	1st Quarter (EPA Report No. 40)								2nd Quarter (EPA Report No. 41)								Cum. Annual Total
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete	
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			
Gravity Collection System (2,460,000ft/10,640MH)																	
Lines Cleaned (ft)		41,750				4,981	46,731	8%		16,000				105,362	121,362	28%	168,093
CCTV Inspected (ft)						4,981	4,981	1%						62,333	62,333	12%	67,314
Smoke Tested (ft)					562		562						470	14,315	14,785		15,347
Smoke Tested (no. of locations)					0		0								0		0
Dye Water Flooded (no. of locations)					0		0								0		0
Manholes Inspected (no.)					5		5	0%					2	402	404	16%	409
Lines Repaired (no.)		37				708	745			46				684	730		1,475
MH Rehabbed (no.)		7				24	31			4				152	156		187
Force Mains (120 miles)																	
Visual Surface Inspection (miles)			30.2				30.2	25%			28.8				29	49%	59
Repaired (no.)		1					1			1				14	15		16
Air Release Valves (335)																	
Inspected/Maintained			151				151	16%			66				66	23%	217
Repaired (no.)				33			33				51				51		84
Pump & Lift Stations (141)																	
Inspections (no.)			6,084.0				6,084	13%			6,084				6,084	27%	12,168
Wet wells cleaned			58				58				54				54		112
Repaired (no.)				11			11				13				13		24

Rout.-Routine Maintenance
 Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
April 1 - June 30, 2012**

Central Plant-LA0036421

Summary of Activities	1st Quarter (EPA Report No. 40)							2nd Quarter (EPA Report No. 41)							Cum. Annual Total		
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS		Field Engr.	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				9,491	22,991	4%		3,750				109,134	112,884	24%	135,875
CCTV Inspected (ft)						12,577	12,577	2%						109,134	109,134	21%	121,711
Smoke Tested (ft)					3,688		3,688							46,803	46,803		50,491
Smoke Tested (no. of locations)					2		2							0	0		2
Dye Water Flooded (no. of locations)					2		2							0	0		2
Manholes Inspected (no.)					20		20	1%						362	362	15%	382
Lines Repaired (no.)		31				335	366			43				424	467		833
MH Rehabbed (no.)		3				52	55			3				9	12		67
Force Mains (10 miles)																	
Visual Surface Inspection (miles)			0.8				0.8	1%		0.0				0.0	0.0	1%	0.8
Repaired (no.)		0					0			1	0			1	1		1
Air Release Valves (18)																	
Inspected/Maintained			4				4	0%		0				0	0	0%	4
Repaired (no.)				0			0				0			0	0		0
Pump & Lift Stations (21)																	
Inspections (no.)			858				858	2%		858				858	858	4%	1,716
Wet wells cleaned			6				6			5				5	5		11
Repaired (no.)				0			0				0			0	0		0

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report
Preventive Maintenance Plan Summary Totals
April 1 - June 30, 2012**

South Plant-LA0036412

Summary of Activities	1st Quarter (EPA Report No. 40)								2nd Quarter (EPA Report No. 41)								Cum. Annual Total
	WWC (w/AMP)		WWC-PS		Field Engr.	Field Engr.-contr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC- PS		Field Engr.	Field Engr.-contr.	Quarterly Total	*Cum. % Complete	
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)			
Gravity Collection System (4,640,000ft/21,580MH)																	
Lines Cleaned (ft)		59,750				10,514	70,264	12%		23,250				15,690	38,940	19%	109,204
CCTV Inspected (ft)						10,514	10,514	2%						16,062	16,062	5%	26,576
Smoke Tested (ft)					4,780		4,780						18464	16,783	35,247		40,027
Smoke Tested (no. of locations)					0		0						8		8		8
Dye Water Flooded (no. of locations)					0		0						8		8		8
Manholes Inspected (no.)					18		18	1%					88		88	4%	106
Lines Repaired (no.)		122				650	772			82				459	541		1,313
MH Rehabbed (no.)		13				166	179			12				208	220		399
Force Mains (110 miles)																	
Visual Surface Inspection (miles)				12.8			12.8	11%		16.0					16.0	24%	29
Repaired (no.)		2				6.0	8			3					3		11
Air Release Valves (251)																	
Inspected/Maintained				64			64	7%		165					165	24%	229
Repaired (no.)				17			17			72					72		89
Pump & Lift Stations (259)																	
Inspections (no.)				11,310			11,310	25%		11,349					11,349	50%	22,659
Wet wells cleaned				42			42			65					65		107
Repaired (no.)				6			6			10			2		12		18
Peak Flow Storage Facilities (2)																	
Little Peak site visits				39			39	38%		39					39	75%	78
Big Peak site visits				39			39	38%		39					39	75%	78

Rout.-Routine Maintenance
Corr.-Corrective Maintenance

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Part A:
Cross Connection
Elimination Plan

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

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

Summary of Activities

No cross connections were discovered and removed during this quarter. There is no anticipated non-compliance. During the reporting period approximately 96,835 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 4/1/12 to 6/30/12. If not, see comments above.

Part B:
Preventive Maintenance
Program (PMP)

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

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

Summary of Activities

During the reporting period the City/Parish Department of Public Works staff, have followed our standard operating procedures, and continued to follow the equipment manufacturers' recommended operation and maintenance requirements, as referenced in the Collection System Preventive Maintenance Plan. A summary of the collection system preventive maintenance activities for this reporting period is provided in the table on page B-2. As indicated, the primary preventive maintenance activity is inspection of facilities, including gravity sewers (through CCTV), manholes, ARVs and other facilities. Quarterly goals for specific activities identified in the Collection System Preventive Maintenance Plan were not achieved this quarter. The percentage of air release valves inspected did not reach more than the 50% 2nd quarter goal; the percent inspected reached 47%. The percentage of manholes inspected did not reach the more than the 50% 2nd quarter goal; the percent inspected reached 36%. In addition, the percentage of CCTV inspections did not reach the more than the 50% 2nd quarter goal; the percent inspected reached 38%. We do not anticipate any non-compliance related to preventive maintenance activities in the future. Note that the gravity system preventative maintenance activities are tied to the design schedules of the RMAP2 Submittal Category 1- Comprehensive Rehabilitation Projects.

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

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

Part B - Preventive Maintenance Program (PMP)

Summary of Collection System Activities

	Quarterly Total April-June 2012	Cumulative 2012 Annual Total	2012 Annual Goal
Gravity Collection System (8,510,000ft/38,000MH)			
Lines Cleaned (ft)	273,186	413,172	570,000
CCTV Inspected (ft)	187,529	215,601	570,000
Smoke Tested (ft)	96,835	105,865	----
Smoke Tested (no. of locations)	8	10	----
Dye Water Flooded (no. of locations)	8	10	----
Manholes Inspected (no.)	854	897	2,500
Lines Repaired (no.)	1,738	3,621	----
MH Rehabbed (no.)	388	653	----
Force Mains (240 miles)			
Visual Surface Inspection (miles)	44.8	88.6	120
Repaired (no.)	19	28	----
Air Release Valves (604)			
Inspected / Maintained	231	450	960 to 1,200
Repaired (no.)	123	173	----
Pump & Lift Stations (421)			
Inspections (no.)	18,291	36,543	45,136
Wet wells cleaned	124	230	----
Repaired (no.)	25	42	----
Peak Flow Storage Facilities (2)			
Little Peak site visits	39	78	104
Big Peak site visits	39	78	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 4/1/12 to 6/30/12. 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 April – June 2012</u>
Gravity Collection System (2,460,000ft/10,640MH)			
Lines Cleaned (ft)	105,362	16,000	121,362
CCTV Inspected (ft)	62,333	0	62,333
Smoke Tested (ft)	14,785	0	14,785
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	404	0	404
Lines Repaired (no.)	684	46	730
MH Rehabbed (no.)	152	4	156
Force Mains (120 miles)			
Visual Surface Inspection (miles)	28.8	0.0	28.8
Repaired (no.)	14	1	15
Air Release Valves (335)			
Inspected / Maintained	66	0	66
Repaired (no.)	0	51	51
Pump & Lift Stations (141)			
Inspections (no.)	6,084	0	6,084
Wet wells cleaned	54	0	54
Repaired (no.)	0	13	13

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 April – June 2012</u>
Gravity Collection System (1,410,000ft/5,760MH)			
Lines Cleaned (ft)	109,134	3,750	112,884
CCTV Inspected (ft)	109,134	0	109,134
Smoke Tested (ft)	46,803	0	46,803
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	362	0	362
Lines Repaired (no.)	424	43	467
MH Rehabbed (no.)	9	3	12
Force Mains (10 miles)			
Visual Surface Inspection (miles)	0.0	0.0	0.0
Repaired (no.)	0	1	1
Air Release Valves (18)			
Inspected / Maintained	0	0	0
Repaired (no.)	0	0	0
Pump & Lift Stations (21)			
Inspections (no.)	858	0	858
Wet wells cleaned	5	0	5
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 April - June 2012</u>
Gravity Collection System (4,640,000ft/21,580MH)			
Lines Cleaned (ft)	15,690	23,250	38,940
CCTV Inspected (ft)	16,062	0	16,062
Smoke Tested (ft)	35,247	0	35,247
Smoke Tested (no. of locations)	8	0	8
Dye Water Flooded (no. of locations)	8	0	8
Manholes Inspected (no.)	88	0	88
Lines Repaired (no.)	459	82	541
MH Rehabbed (no.)	208	12	220
Force Mains (110 miles)			
Visual Surface Inspection (miles)	16.0	0.0	16.0
Repaired (no.)	0	3	3
Air Release Valves (251)			
Inspected / Maintained	165	0	165
Repaired (no.)	0	72	72
Pump & Lift Stations (259)			
Inspections (no.)	11,349	0	11,349
Wet wells cleaned	65	0	65
Repaired (no.)	2	10	12
Peak Flow Storage Facilities (2)			
Little Peak site visits	39	0	39
Big Peak site visits	39	0	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 thirty-seven (37) Sanitary Sewer Overflows (SSOs) were responded to during this reporting period including three (3) at the wastewater treatment plants. The Sanitary Sewer Overflow Monitoring Report, included as Part D Reporting of Unauthorized Discharges of this Quarterly Report, provides details about these overflows in the wastewater collection system, including the response action taken. The Sanitary Sewer Overflow Response Plan was followed for all unauthorized discharges except for a Sanitary Sewer Overflow that occurred at the North Wastewater Treatment Plant (NWWTP) on June 12, 2012 in the amount of 200 gallons. This overflow was not reported to LDEQ and EPA until June 15, 2012. No further non-compliance related to the SSO Response Plan is anticipated in the future.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	8
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4841 Collection System	24
Total	37

** 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 4/1/12 to 6/30/12. 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 the unauthorized discharges discovered in the collection system 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. As shown below, a total of thirty-seven (37) unauthorized discharges occurred during this quarter, three (3) of these discharges occurred at the wastewater treatment plants.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	8
Central Plant-LA0036421 AI # 4842 Collection System	5
South Plant-LA0036412 AI# 4841 Collection System	24
Total	37

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

There were no unusual SSOs, but there were two (2) unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. On April 16, 2012 an estimated 16,300,000 gallons of wastewater arrived at the Central Wastewater Treatment Plant. Of this amount an estimated 791,000 gallons received only primary treatment prior to overflowing onto plant grounds. This overflow occurred due to a vehicle sticking an electrical pole, subsequently severing power to the plant. The local utility company was called to restore power and normal operations were resumed. The Sanitary Sewer Response Plan was followed during the incident.

On April 27, 2012, an overflow of approximately 150,000 gallons of wastewater occurred at Pump Station Number 449. A broken 4-inch forcemain line was discovered as the cause. The receiving stream was identified as Willow Creek. The wastewater collection division reduced the pump station's operating capacity to thirty (30) percent then issued a work order directing a contractor to make the necessary repairs. As repairs were made pump stations numbers 200, 280, 422 and 449 were shut down. The site was deodorized and disinfected with Germ-A-Cert. This station will be periodically monitored to prevent similar issues from occurring in the future. Procedures in the Sanitary Sewer Overflow Response Plan were followed during this

Part D – Reporting of Unauthorized Discharges

event.

In addition, an overflow of approximately 200 gallons occurred at the North Wastewater Treatment Plant on June 12, 2012. The north gate valve did not open, causing the splitter box to overflow. This overflow was reported on June 15, 2012, exceeding the twenty-four (24) hour notification period.

The City/Parish [is] [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 4/1/12 to 6/30/12. If not, see comments above.



Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge

Post Office Box 1471
Baton Rouge, Louisiana
70821

April 18, 2012

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

FILE COPY

Re: LPDES Permit No. LA0036421 AI # 4842
Overflow

Dear Ms. Gooden-Jackson:

We had an overflow at the Central Treatment Plant which occurred on April 16, 2012, from 1020 hours to 1130 hours for a total duration of 1 hour and 10 minutes. During this time, an estimated 16,300,000 gallons of wastewater arrived at the plant. Of this amount, an estimated 791,000 gallons received only primary treatment before overflowing onto the plant grounds.

This overflow was due to a truck hitting an electrical pole and knocking out power to the plant. The local utility company (Entergy) was called out to restore power and normal operations resumed. The Sanitary Sewer Response Plan was followed during the incident.

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

Sincerely yours,

William B. Daniel IV, PE
Public Works Director

WD/GD/pas

xc: Mary Roper, Parish Attorney
Garcia Dialekwa, Wastewater Treatment Plant Manager
Charles O'Brien, Wastewater Laboratory Supervisor
Walter Brock, Wastewater Treatment Plant Supervisor (CTP)
Cheryl Berry, PE, Special Projects Engineer
Allison Ford, PE

Department of Public Works

City of Baton Rouge
Parish of East Baton Rouge



P.O. Box 1471
Baton Rouge, Louisiana 70821
(225) 389-3158

May 1, 2012

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

Re: LPDES Permit No. LA0036439AI # 4843
16930 Glenwood Springs Rd. Pump Station Failure

Dear Mrs. Gooden- Jackson:

This letter is to provide information regarding the failure of Pump Station #449 located at 16930 Glenwood Springs Rd. This failure was identified on Friday, April 27, 2012 at approximately 12:45 hrs. The complaint investigator was notified that there was a sewage odor in the area and found a broken four inch force main line as the root cause. Pump Station # 449 was reduced to thirty percent operation capability for minimum discharge release. Immediate actions included daily disinfecting and deodorizing of the affected area until repair procedures were prepared and a work order issued to the contractor for an emergency point repair. The following pump stations were shut down beginning at 0730hrs on April 30, 2012 as repairs were made; #200, #280, #422 and #449. Repairs consisted of pipe replacement of the defective section with ductile iron pipe – with scope of work beginning on April 30, 2012 at 1300 hrs and completion of work at 1700 hrs the same day. During the elapsed time period approximately 150,000 gallons of sewage was released to the receiving stream of water identified as Willow Creek.

Germ-A-Cert Plus disinfectant and Lemon-All deodorizer was used to disinfect and deodorize the site that was contaminated by sewage. Pure X bleach was used also to disinfect the receiving stream of water to obtain environmental quality.

Procedures outlined in the SSO Response Plan were followed during this event. Should you require additional information concerning this matter, please let me know.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "William B. Daniel, IV".

William B. Daniel, IV, P.E.
Public Works Director

WD/dh

xc: Bryan Harmon, Deputy Director
David Guillory, Assistant Director
Cheryl Berry, P.E.
Greg Wiley, Wastewater Collection Systems Manager
Mary Roper, Parish Attorney

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841
04/01/2012 To 06/30/2012**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/2/2012	2451 Oak Manor Ct.	Pump Station # 381 was down due to high wet well. MH# 381-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The pump station mechanic was called out to service pump station.	We will periodically monitor this station and wash the collection line. Scheduled maintenance reports will document operational status of the pump station.	None	500	381	154	170	6.98
4/4/2012	5335 Belle Fontaine Ct.	There was a stoppage in the city main collection line caused by roots. Discharge overflow rate was compounded when pump station would kick on initiating the flow of the 8" forcemain line entering the manhole. MH# 236-00098.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. Pure X bleach was poured into the receiving stream.	Roots will be cut out, blue heat will be used to clean the collection line. An assessment will be conducted to determine whether this section of line needs to be replaced.	Canal	5,000	236	74	112	6.76
4/4/2012	11378 Ashbourne Dr.	Discharged caused by surcharged conditions, rain event. MH# 050-00526.	Recorded sewage discharge, this site will be deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP Project.	Jones Creek	25,812	50	79	163	6.64
4/4/2012	1423 S. Sherwood Forest Dr.	Discharged caused by surcharged conditions, rain event. MH# 050-00528.	Recorded sewage discharge, this site will be deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP Project.	Jones Creek	25,812	50	79	163	6.64
4/4/2012	Brunswick @ Macon	There was a stoppage in the city main collection line. MH# 278-00027.	Dispatched wash truck to clear the stoppage, recorded sewage discharge. The site was disinfected with Germ-A-cert and deodorized with Cherry Pit.	We used blue heat to clean the lines and we will periodically wash this section of our lines.	None	400	278	73	143	6.61
4/4/2012	13672 Goodwood Blvd.	There was a stoppage in the city main collection line. MH# 031-00432.	Dispatched wash truck to clear the stoppage, recorded sewage discharge. The site was disinfected with Germ-A-cert and deodorized with Cherry Pit.	We used blue heat to clean the lines and we will periodically wash this section of our lines.	None	500	31	79	163	6.64
4/9/2012	2689 Weldwood Dr.	There was a stoppage in the city main collection line. MH# 156-05003.	Dispatched wash truck to clear the stoppage, recorded sewage discharge. The site was disinfected with Germ-A-cert and deodorized with Cherry Pit.	We used blue heat to clean the lines and we will periodically wash this section of our lines.	None	200	156	180	164	7.05
4/9/2012	255 E. Boyd Ave.	Pump Station # 68 was down. MH# 068-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The pump station mechanic was called out to service pump	We will periodically monitor this station and wash the collection line. Scheduled maintenance reports will document operational status of the pump station.	None	400	68	134	160	7.16

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841
04/01/2012 To 06/30/2012**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
			station.							
4/11/2012	638 Jean Lafitte Ave.	Pump Station # 260 was down. MH# 260-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The pump station mechanic was called out to service pump station.	We will periodically monitor this station and wash the collection line. Scheduled maintenance reports will document operational status of the pump station.	None	350	260	200	364	7.3
4/11/2012	5290 Old Hammond Hwy.	There was a stoppage in the city main collection line. MH# 058-08116.	Dispatched wash truck to clear the stoppage, recorded sewage discharge. The site was disinfected with Germ-A-Cert and deodorized with Cherry Pit.	We used blue heat to clean the lines and we will periodically wash this section of our lines.	None	250	58	200	364	7.3
4/12/2012	10949 Airline Hwy.	There was a stoppage in the city main collection line. MH# 251-00054.	Dispatched wash truck to clear the stoppage, recorded sewage discharge. The site was disinfected with Germ-A-Cert and deodorized with Cherry Pit.	We used blue heat to clean the lines and we will periodically wash this section of our lines.	None	250	251	156	162	6.93
4/17/2012	2001 Hoyt Dr.	Pump Station # 149 was down. MH# 149-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The pump station mechanic was called out to service pump station.	We will periodically monitor this station and wash the collection line. Scheduled maintenance reports will document operational status of the pump station.	None	300	149	177	176	7.1
4/18/2012	11310 Industriplex Blvd.	There was a stoppage in the city main collection line. MH# 287-00024.	Dispatched wash truck to clear the stoppage, recorded sewage discharge. The site was disinfected with Germ-A-Cert and deodorized with Cherry Pit.	We used blue heat to clean the lines and we will periodically wash this section of our lines.	None	150	287	130	136	7.15
4/20/2012	868 Ponderosa Dr.	Pump Station # 175 was down. MH# 175-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The pump station mechanic was called out to service pump station.	We will periodically monitor this station and wash the collection line. Scheduled maintenance reports will document operational status of the pump station.	None	150	175	207	152	7.13

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841
04/01/2012 To 06/30/2012**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
5/4/2012	1919 Blvd de Province	Pump Station # 66 was down. MH # 066-00001.	Recorded sewage discharge, dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. Notified pump station mechanic that the station is down.	Maintenance reports will document operational status of the pump staion.	Jones Creek	500	66	176	124	7.39
5/10/2012	12041 Bricksome Ave.	Stoppage in the city main collection line. MH# 168-00079.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry pit and disinfected with Germ-A-Cert.	We will periodically wash this section of our collection line. Grease-Away was added to assist in the flow.	None	150	168	155	142	7.14
5/19/2012	12462 New Castle	Pump Station # 136 was down. MH # 136-00001.	Recorded sewage discharge, dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. Notified pump station mechanic that the station is down.	Maintenance reports will document operational status of the pump staion.	None	175	136	156	170	6.33
5/23/2012	Turret @ Jester	Pump Station # 104 was down. MH # 146-00015, 146-00018 was discharging.	Recorded sewage discharge, dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. Notified pump station mechanic that the station is down.	Maintenance reports will document operational status of the pump staion.	None	200	104	166	248	7.12
5/25/2012	Marketplace @ Coursey	Pump Station # 428 was down due to high wet well. MH # 428-00013, 428-00013 was discharging.	Recorded sewage discharge, dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. Notified pump station mechanic that the station was down.	Maintenance reports will document operational status of the pump staion.	None	200	428	162	160	7.55
6/11/2012	8292 Stern Ave.	Stoppage in the city main collection line. MH# 061-03601.	Record sewage discharge,dispatched wash truck to clear the stoppage. The area was disinfected with Germ-a-Cert and deodorized using Cherry Pit.	We will periodically wash this section of our collection line. Blue Heat was used to clean the lines and de-greaser was used to assist in the flow.	None	2500	61	96	165	7.02
6/19/2012	3212 Murphy Dr.	Stoppage in the city main collection line. MH# 058-05074.	Record sewage discharge,dispatched wash truck to clear the stoppage. The area was disinfected with Germ-a-Cert and deodorized using Cherry Pit. Flushed	We will periodically wash this section of our collection line. Blue Heat was used to clean the lines and de-greaser was	None	200	58	94	148	7.23

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

**SOUTH Sewer District Collection System LPDES LA0036412 AI#4841
04/01/2012 To 06/30/2012**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
			storm drain and washed the edge of road to include driveway.	used to assist in the flow.						
6/10/2012	2128 Huntersway Dr.	Pump Station # 407 was down.	Record sewage discharge, dispatched wash truck to clean the area. The site was disinfected with Germ-a-Cert and deodorized using Cherry Pit. Pump Station mechanic was also notified.	We will periodically monitor station and wash this section of our collection line. Scheduled maintenance reports will document operational status of the pump station.	None	250	407	111	142	7.03
6/29/2012	764 Plantation Ridge Lane	Pump Station # 161 was down. MH# 161-00001A.	Record sewage discharge, dispatched wash truck to clean the area. The site was disinfected with Germ-a-Cert and deodorized using Cherry Pit. Pump Station mechanic was also notified.	We will periodically monitor station and wash this section of our collection line. Scheduled maintenance reports will document operational status of the pump station.	None	350	161	123	164	6.96

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

**NORTH Sewer District Collection System LPDES LA0036439A1# 4843
04/01/2012 To 06/30/2012**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/4/2012	6650 Cedar Grove Dr.	Discharged caused by surcharged conditions, rain event. MH# 047-00556.	Recorded sewage discharge, this site will be deodorized with Cherry Pit and disinfected using Germ-A-Cert.	Implemented RMAP Project.	Hurricane Creek	18,468	47	88	238	7.03
4/27/2012	16930 Glenwood Springs Rd.	Pump Station # 449 was down due to a broken four inch forcemain line. ARV-200.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. The pump station mechanic was called out to reduce operating capacity of pump station.	We will periodically monitor this station and wash the collection line. Scheduled maintenance reports will document operational status of the pump station.	Willow Creek	150,000	449	418	208	6.73
5/3/2012	3779 Eaton St.	Stoppage in the city main collection line causing six inch clean-out to discharge. MH# 024-00495.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry pit and disinfected with Germ-A-Cert.	We will periodically wash this section of our collection line.	None	150	24	133	132	7.42
5/17/2012	10133 Shannon	Stoppage in the city main collection line. MH # 137-00021.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry pit and disinfected with Germ-A-Cert.	We will periodically wash this section of our collection line.	None	200	137	286	246	7.32
5/17/2012	Brent @ Shannon	Stoppage in the city main collection line. MH # 137-00025.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry pit and disinfected with Germ-A-Cert.	We will periodically wash this section of our collection line.	None	250	137	286	246	7.32
5/22/2012	8333 Veterans Memorial Blvd.	Contractor - Chain Electric bored through a 12 inch forcemain line.	Recorded sewage discharge, dispatched wash truck to clean area. The site was deodorized with Cherry Pit and disinfected with Germ-A-Cert. A section of ductile iron pipe was replaced, repair completed within a five hour period from 3:00pm-8:00pm the same day.	Considered as an isolated incident.	None	2,500	244	116	92	7.59
6/13/2012	3618 Greenwell St.	Stoppage in the city main collection line causing discharge in a drainage ditch. MH# 026-00007.	Recorded sewage discharge, dispatched wash truck to clear the stoppage. Drainage ditch was flushed-out with fresh water and disinfected with Germ-A-Cert and	We will periodically wash this section of our collection line, Blue Heat was used to clean the lines and Grease-Away was	None	200	26	209	316	7.53

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

**NORTH Sewer District Collection System LPDES LA0036439A1# 4843
04/01/2012 To 06/30/2012**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
			deodorized with Cherry Pit.	added to assist in flow.						

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

**CENTRAL Sewer District Collection System LPDES LA0036421A# 4842
04/01/2012 To 06/30/2012**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/9/2012	453 Lafayette St.	There was a stoppage in the city main collection line. MH# 059-06162.	Dispatched wash truck to clear the stoppage, recorded sewage discharge. The site was disinfected with Germ-A-cert and deodorized with Cherry Pit.	We used blue heat to clean the lines and we will periodically wash this section of our lines.	None	300	59	110	106	7.47
4/17/2012	724 N.31st St.	There was a stoppage in the main collection line causing sewage discharge in the drainage ditch. MH# 060-07369.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected with Germ-A-cert. The collection line will be smoked to determine leaks.	We will continue to periodically wash this section of our collection line. Blue heat was used to clean the line.	None	200	60	171	176	7.36
4/19/2012	South Eugene @ Honeysuckle	There was a stoppage in the main collection line causing sewage discharge in the storm drain. MH# 003-01709.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry Pit and disinfected with Germ-A-cert.	We will continue to periodically wash this section of our collection line. Blue heat was used to clean the line.	None	200	3	194	144	7.16
5/2/2012	741 Mayflower	Collection system surcharging from rain event. MH# 059-06111.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Cherry pit and disinfected with Germ-A-Cert.	We will periodically wash this section of our collection line.	None	300	59	178	230	7.24

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 Wastewater Treatment Plants LPDES Permit, Number LA0036412 AI# 4841, during this reporting period. The South Wastewater Treatment Plant (SWWTP) exceeded the permit effluent limits for fecal coliform seven (7) day average and monthly average during the time periods shown below. The total amount of stipulated penalties identified for non-compliant activities at the SWWTP during this reporting period is \$8,000. During the month of April, the SWWTP experienced an unstable and unusual change in the plant influent flows, caused by changes in the pump stations upstream of the plant. On April 2, 3, 4, 11, 16, 17 and 21 the SWWTP received unusually high influent flows, which were caused by heavy rains. In addition, during the month of April trickling filter number 3 was out of service due to mechanical issues and primary basin's numbers 1 and 2 were out of service due to construction. In the month of May unusually high plant flows were caused by heavy rainfall. Further non-compliance is not anticipated.

SWWTP	Permit Level	2 nd Quarter 2011			Stipulated Penalty		
		April	May	June	# of Occurrences	Per Occurrence	Total
BOD							
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			
TSS							
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			
TRC							
Daily Max (mg/l)	0.46	C	C	C			
Fecal Coliform							
7-Day Avg. (mg/l)	400 col/100ml	670	609	C	3	\$1,000	\$3,000
		815					
Monthly Avg. (mg/l)	200 col/100ml	223	212	C	2	\$2,500	\$5,000
Total							\$8,000

C-Compliance

Part E - Consent Decree Compliance Status

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

The City/Parish [is] [is not] in full compliance with Consent Decree for the period 4/1/12 to 6/30/12. If not, see comments above.