



# **Baton Rouge SSO Program**

## **2002 Consent Decree**

Quarterly Report No. 53

---

**July 24, 2015**

**Department of Environmental Services**



City of Baton Rouge  
Parish of East Baton Rouge  
222 St. Louis, 8<sup>th</sup> Floor  
Baton Rouge, La 70802

Office: 225-389-3158  
Fax: 225-389-5391

July 24, 2015

**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  
Fifty Third Quarterly Report - **Period Ending June 30, 2015**

Gentlemen:

Pursuant to Paragraph 51 of the Consent Decree, the City of Baton Rouge and Parish of East Baton Rouge hereby submits the 53<sup>rd</sup> Consent Decree Quarterly Report covering activities for the quarter ending June 30, 2015. 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:

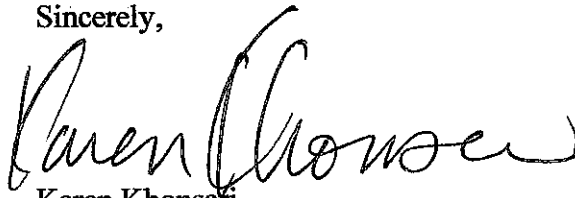
- Cross Connection Elimination Plan
- Collection System Preventive Maintenance Program (PMP)
- Sanitary Sewer Overflow Response Plan (SSORP)
- Reporting of Unauthorized Discharges
- Consent Decree Compliance Status

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 53<sup>rd</sup> Consent Decree Quarterly Report to the US EPA and LDEQ and one copy to the US DOJ and City/Parish DPW.

I certify that the information contained in or accompanying this Fifty Third 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,



Karen Khonsari  
Environmental Services Director

Cc: Honorable Melvin L. "Kip" Holden, Mayor-President  
Mr. William B. Daniel, IV, PE, 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. Lea Lanne Batson  
Mr. Joshua Crowe, CH2MHILL  
Ms. Karen Johnson, CH2MHILL  
Ms. Susan Douglas, CH2MHILL  
Mr. Adam Smith  
Mr. Amy Schulze  
Ms. Cheryl Berry  
Mr. Stan Redmond  
Mr. Mark LeBlanc  
Mr. John Ward  
Mr. Mitch O'Brien

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

2850 Gardere Lane  
Baton Rouge, LA 70820

**Date:** July 24, 2015

**To:** Mr. Adam Smith, Chief of Wastewater Engineering and Technology  
Ms. Amy Schulze, Chief of Wastewater Operations and Maintenance

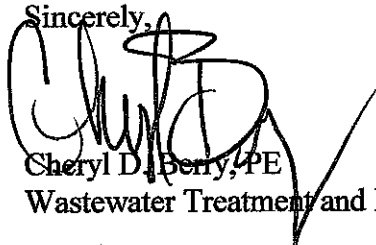
**From:** Ms. Cheryl Berry, P.E., Wastewater Treatment and Disposal Division

**Re:** City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
Fifty Third Quarterly Report – Period Ending June 30, 2015  
Data Review

Sir or Madam:

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 Fifty Third Quarterly Report. Once the review of your portion of data is complete and corrected, please sign below the paragraph stating that fact and return for processing.

Sincerely,



Cheryl D. Berry, PE  
Wastewater Treatment and Disposal Division

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



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2850 Gardere Lane  
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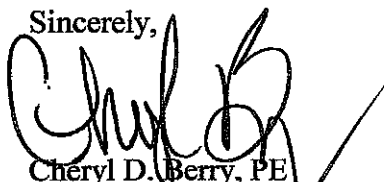
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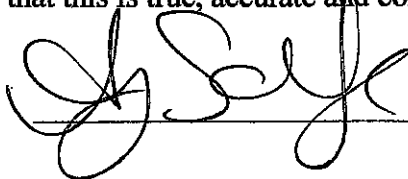
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**CITY-PARISH DEPARTMENTAL MEMORANDUM  
WASTEWATER TREATMENT AND DISPOSAL DIVISION**

2850 Gardere Lane  
Baton Rouge, LA 70820

**Date:** July 20, 2015

**To:** Mr. Charles "Mitch" O'Brien, Wastewater Treatment and Disposal Division  
Mr. Stan Redmond, Wastewater Collection Division  
Mr. E. J. Amato, Field Engineering Division

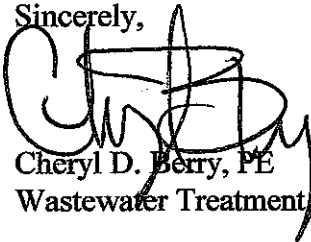
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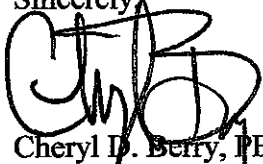
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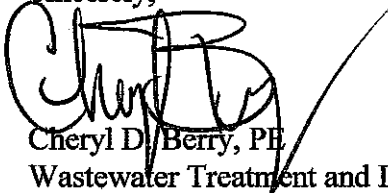
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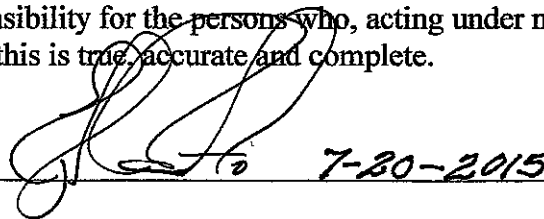
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7-20-2015

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# 53rd Quarterly Report - Executive Summary

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## General Overview

On March 14, 2002, the City of Baton Rouge, Louisiana and the Parish of East Baton Rouge, Louisiana (collectively "the City/Parish") entered into a Consent Decree with the United States and the State of Louisiana. Since that time an Agreement and Order Regarding the Modification of the Consent Decree was lodged with the court in late 2008 and was approved by the Department of Justice (DOJ), Environmental Protection Agency (EPA), and Louisiana Department of Environmental Quality (LDEQ) in April 2009. This 2009 Consent Decree Modification specifically adopts the City/Parish's September 2008 Second Remedial Measures Action Plan (RMAP2). In addition, in late 2012 the City/Parish submitted a request for compliance schedule extension which was approved by DOJ, EPA, and LDEQ on June 16, 2013 in the *Revised Second Agreement and Order Regarding the Modification of the Consent Decree* (aka *Revised Second Consent Decree Modification*) which was included as *Attachment 1:-Revised Second Agreement and Order Regarding the Modification of the Consent Decree* at the end of the 45<sup>th</sup> Quarterly EPA Report.

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, the 2009 Consent Decree Modification, and the 2013 Revised Second Consent Decree Modification, which took place during the quarter ending June 30, 2015.

## 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, 2015)

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.

## 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

TABLE 1 DOJ, EPA and LDEQ Submittal History		
Name	Date Submitted	Additional Information
Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	January 2009	City/Parish draft response to public comments regarding the Consent Decree Modification
Updated Response to Public Comments of the Agreement and Order Regarding the Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	February 2009	City/Parish final response to public comments regarding the Consent Decree Modification
Signed Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	April 2009	DOJ/EPA approval of the <i>Second Remedial Measures Action Plan (RMAP2) Submittal for the Baton Rouge SSO Control and Wastewater Facilities Program Report</i> submitted by the City/Parish in September 2008 also included as an attachment in the signed Agreement and Order.
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 (3 years)
Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal – Civil Action No. 01-978-B-M3 (M.D. La.)	October 2012	City/Parish formal Request for Time Extension/Modification of the Compliance Schedule (4 years)
Signed Revised Second Agreement and Order Regarding Modification of the Consent Decree – Civil Action No. 01-978-B-M3 (M.D. La.)	June 2013	DOJ/EPA approval of the City/Parish 4 year extension request from October 2012 (revised compliance schedule is included as an attachment in the signed Agreement and Order)

As of June 30, 2015 there have been 72 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				
	52 <sup>nd</sup>	31-Mar-15	24-Mar-15	
	51 <sup>st</sup>	31-Jan-15	21-Jan-15	
	50 <sup>th</sup>	31-Oct-14	20-Oct-14	
	49 <sup>th</sup>	31-Jul-14	22-July-14	
	48 <sup>th</sup>	30-Apr-14	21-Apr-14	
	47 <sup>th</sup>	31-Jan-14	21-Jan-14	
	46 <sup>th</sup>	31-Oct-13	18-Oct-13	
	45 <sup>th</sup>	31-Jul-13	24-Jul-13	1-Aug-13
	44 <sup>th</sup>	30-Apr-13	19-Apr-13	
	43 <sup>rd</sup>	31-Jan-13	25-Jan-13	

**TABLE 2**  
**Summary of Consent Decree Reporting Deliverables**

	<b>Deadline</b>	<b>Completion</b>	<b>Resubmission/ Update</b>
<b>Quarterly Reports</b>			
	42 <sup>nd</sup>	31-Oct-12	23-Oct-12
	41 <sup>st</sup>	31-Jul-12	25-Jul-12
	40 <sup>th</sup>	30-Apr-12	26-Apr-12
	39 <sup>th</sup>	31-Jan-12	26-Jan-12
	38 <sup>th</sup>	31-Oct-11	26-Oct-11
	37 <sup>th</sup>	31-Jul-11	27-Jul-11
	36 <sup>th</sup>	30-Apr-11	27-Apr-11
	35 <sup>th</sup>	31-Jan-11	28-Jan-11
	34 <sup>th</sup>	31-Oct-10	25-Oct-10
	33 <sup>rd</sup>	31-Jul-10	26-Jul-10
	32 <sup>nd</sup>	30-Apr-10	26-Apr-10
	31 <sup>st</sup>	31-Jan-10	25-Jan-10
	30 <sup>th</sup>	31-Oct-09	23-Oct-09
	29 <sup>th</sup>	31-Jul-09	24-Jul-09
	28 <sup>th</sup>	30-Apr-09	24-Apr-09
	27 <sup>th</sup>	31-Jan-09	30-Jan-09
	26 <sup>th</sup>	31-Oct-08	17-Oct-08
	25 <sup>th</sup>	31-Jul-08	25-Jul-08
	24 <sup>th</sup>	30-Apr-08	20-Apr-08
	23 <sup>rd</sup>	31-Jan-08	23-Jan-08
	22 <sup>nd</sup>	31-Oct-07	23-Oct-07
	21 <sup>st</sup>	31-Jul-07	23-Jul-07
	20 <sup>th</sup>	30-Apr-07	25-Apr-07
	19 <sup>th</sup>	31-Jan-07	26-Jan-07
	18 <sup>th</sup>	31-Oct-06	25-Oct-06
	17 <sup>th</sup>	31-Jul-06	28-Jul-06
	16 <sup>th</sup>	30-Apr-06	24-Apr-06
	15 <sup>th</sup>	31-Jan-06	23-Jan-06
	14 <sup>th</sup>	31-Oct-05	21-Oct-05
	13 <sup>th</sup>	31-Jul-05	15-Jul-05
	12 <sup>th</sup>	30-Apr-05	11-Apr-05
	11 <sup>th</sup>	31-Jan-05	24-Jan-05
	10 <sup>th</sup>	31-Oct-04	27-Oct-04
	9 <sup>th</sup>	31-Jul-04	26-Jul-04
	8 <sup>th</sup>	30-Apr-04	23-Apr-04
	7 <sup>th</sup>	31-Jan-04	30-Jan-04
	6 <sup>th</sup>	31-Oct-03	30-Oct-03
	5 <sup>th</sup>	31-Jul-03	17-Jul-03
	4 <sup>th</sup>	30-Apr-03	24-Apr-03
	3 <sup>rd</sup>	31-Jan-03	27-Jan-03

<b>TABLE 2</b>			
<b>Summary of Consent Decree Reporting Deliverables</b>			
	<b>Deadline</b>	<b>Completion</b>	<b>Resubmission/ Update</b>
<b>Quarterly Reports</b>			
2 <sup>nd</sup>	31-Oct-02	23-Oct-02	
1 <sup>st</sup>	31-Jul-02	23-Jul-02	
<b>Annual Reports</b>			
2014	31-Jan-15	30-Jan-15	
2013	31-Jan-14	30-Jan-14	
2012	31-Jan-13	29-Jan-13	
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	
2 <sup>nd</sup> 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 1<sup>st</sup> 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* was included previously in *Attachment 1: Updated Outreach and Public Awareness Plan and RMAP1 Completion Report* at the end of the 36<sup>th</sup> Quarterly EPA Report.

TABLE 3				
EPA Consent Decree Summary and RMAP1 Milestones				
		RMAP1 Projects Completed	RMAP1 Projects Completed	Project Status Summary
Milestone Date		May 4, 2007	Proposed on September 1, 2008	
Construction Status		Complete	Complete	
Consent Decree Projects	Corresponding City/Parish Projects			
RMAP1 Projects				
N-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)	✓		

<b>TABLE 3</b>					
<b>EPA Consent Decree Summary and RMAP1 Milestones</b>					
		<b>RMAP1 Projects Completed</b>	<b>RMAP1 Projects Completed</b>	<b>Project Status Summary</b>	
<b>Milestone Date</b>		<b>May 4, 2007</b>	<b>Proposed on September 1, 2008</b>		
<b>Construction Status</b>		<b>Complete</b>	<b>Complete</b>		
<b>Consent Decree Projects</b>	<b>Corresponding City/Parish Projects</b>				
<b>RMAP1 Projects</b>					
N-10 PS 240 Area Upgrades	PS 240 Area Upgrades (01-RMP-N10)	✓			
***N-99 North Further Investigations	NTSN SS Eval. Study (99-RMP-N-99)	✓			
	**Bellingrath Rehab. (03-RMP-N14) (NSRP)	✓			
	**Frenchtown Road Sewer Rehab. (03-RMP-N15)	✓			
	**North Area Comprehensive Rehab. (03-RMP-N23)	✓			
	**PS 45 Area Rehab. (00-RMP-N31)	✓			
C-03 PS 2 Area Rehabilitation	PS 2 Area Upgrades (01-RMP-C03)	✓			
S-01B SWWTP Influent PS	SSO SWWTP Infl. PS Upgrade (99-RMP-SO1B)	✓			
S-11 PS 40 Area Rehabilitation	S-11 PS 40 Area Rehabilitation	✓			
***S-99 South Further Investigations	SSO Engr-South (99-RMP-S99)	✓			
	PS 944 Area Upgrade Grv Sewer (99-RMP-S99)	✓			
	PS 944 Area Upgrade (99-RMP-S99)	✓			
	PS 177 Area Upgrade (99-RMP-S99)	✓			
	**PS 211 Area Upgrades (99-RMP-S11)	✓			
N-01 Choctaw Basin Return System	Choctaw Area Storage (04-RMP-N22)				RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage.
N-13 North Choctaw Basin System	S-05 PS 58B Area Upgrades MWH RMAP2				RMAP1 project suspended. Project is included as RMAP2: Choctaw Storage PS.
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

**TABLE 3**

**EPA Consent Decree Summary and RMAP1 Milestones**

		RMAP1 Projects Completed	RMAP1 Projects Completed	Project Status Summary
Milestone Date		May 4, 2007	Proposed on September 1, 2008	
Construction Status		Complete	Complete	
Consent Decree Projects	Corresponding City/Parish Projects			
RMAP1 Projects				
				Master Plan. Project proposed as a part of the Master Plan.
N-02 PS 49/52 Area Upgrades	PS 49/52 Area Upgrade (01-RMP-N02)		4 <sup>th</sup> Quarter 2008	<b>Project completed – 4<sup>th</sup> quarter 2008</b> (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 <sup>th</sup> Quarter 2007	<b>Project completed – 4<sup>th</sup> quarter 2007.</b>
S-08 Industriplex Area Upgrades	Industriplex Area PS 355 and FM Upgrades (99-RMP-S08)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 1<sup>st</sup> quarter 2011.</b>
S-14 Kleinpeter Area Upgrades	Kleinpeter Area Upgrades (03-RMP-S14)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 2<sup>nd</sup> quarter 2009.</b>
S-16 PS 136 Area Upgrades	PS 136 Area Upgrades (99-RMP-S16)		2 <sup>nd</sup> Quarter 2010	<b>Project completed – 2<sup>nd</sup> quarter 2010.</b>

\*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 addition, the City/Parish is adhering to the revised compliance schedule approved in the (June 2013) *Revised Second Consent Decree Modification* by DOJ, EPA, and LDEQ which formally approves the City/Parish's 4 year extension request which was the focus of the *Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal* (October 2012). This document was included previously as *Attachment 1: Revised Second Agreement and Order Regarding the Modification of the Consent Decree* at the end of the 45<sup>th</sup> Quarterly EPA Report.

In preparing the 2008 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.

As of June 30, 2015 there are 65 RMAP2 projects functionally completed (ahead of schedule), 28 projects under construction, and 17 projects under design, and the City/Parish is at the peak of construction activities again in this quarter. The current project tally includes combining projects at the North WWTP and the breakout of the emergency phase of Airline Pipelines. The City/Parish is seeing many of the effects from the ramping up of the design and construction activities. In recent quarters, contractor and workforce availability, and an upward trend in material prices have continued to be issues of concern, and over the last quarter these trends have actively interfered with the ability to deliver projects on schedule. In addition, the capacity of both internal and external support functions continues to be an issue of concern, particularly due to the stresses already placed on several key support roles especially with regards to the City/Parish procurement system, and to a lesser degree with property acquisition, and state/local permit acquisitions/approvals. All of these support systems are already strained and the peak of RMAP2 work is underway, with no significant drop off expected until 2016.

The City/Parish continues documenting the impact of force majeure events that have affected the Baton Rouge Area, such as the threat of the Mississippi River Flood (May 20, 2013); Hurricanes Katrina, Rita, Gustav, and Isaac; the Gulf of Mexico oil spill; 2011 Mississippi River flood; Tropical Storm Lee; and other extreme storm events. Numerous unexpected events outside of City/Parish control continue to impact progress on projects including some force majeure events. Most recently a force majeure event submittal was made on March 24, 2015 due to the ongoing 2015 Mississippi River Flood Event, an event which continues to impact multiple projects under construction. Projects proximate to the levee have ceased construction due to Corps of Engineers/Coastal Protection and Restoration Authority permit restrictions while multiple projects suffered schedule delays due to emerging groundwater seepage issues which impacted production schedules while contractors dealt with constructability. Two projects were unable to achieve functional completion due to Corps/CPRA construction shutdowns which prevented attainment of the RMAP2 66% milestone date for these projects. A copy of the force majeure submittal was provided as Attachment A to the 52<sup>nd</sup> Quarterly Report.

The Consent Decree schedule is very demanding and the time lost recently and in the past years from these force majeure events has affected the critical early planning stages of the program, and could potentially affect project schedules and implementation now and into the future. The City/Parish keeps track of these events in regards to their potential effect on schedule and compliance, and the potential effect on the associated construction costs and contractor availability for RMAP2 project work. Current ongoing projects have incurred significant schedule impacts associated with force majeure events described above during planning, design and construction phases. The resulting accumulated delays have in some cases driven the project schedules beyond the 66% regulatory milestone date. Details for these projects are provided in Table 5 below. The City/Parish continues to actively manage these projects and minimize any delays beyond the RMAP2 66% milestone date. A Request for Administrative Approval of Delay for the projects with schedules beyond the RMAP2 66% milestone has been developed and is submitted with this report as Attachment A. Included in this attachment is a summary of the impacts that are partially responsible for the milestone delay and details of the mitigation activities underway with documentation provided. The City/Parish will continue to regularly document and report any RMAP2 project changes related to force majeure events.

The City/Parish 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 regularly documents RMAP2 project changes (scope changes, project additions, project deletions, and schedule changes) in the Quarterly and Annual EPA Reports.

The 2013 Program Delivery Plan (PDP) update was submitted, reviewed, and approved by the City/Parish. Tables 4, 5 and 6 were updated to reflect any changes associated with this process.

As noted in Table 1, the City/Parish submitted an updated request for time extension (4 years) for the RMAP2 projects listed below on October 23, 2012 included in the document titled *Modified Request for Time Extension/Modification of the Compliance Schedule in the Approved RMAP2 Submittal* which was signed/formalized by DOJ/EPA/LDEQ in June 2013. The City/Parish has incorporated schedule modifications in order to take into account the changes included in the approved 4 year request for time extension. In addition, any other specific project changes since the extension approval or delays are noted in the Tables 4, 5, and 6 in this section.

The RMAP2 projects are separated into three categories with descriptions and schedules provided for all projects, current through June 30, 2015.

### **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, 2015.

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

<b>TABLE 4</b>				
<b>Updated EPA Consent Decree RMAP Milestones for Category 1 Projects</b>				
	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summaries</b>
<b>Milestone Date</b>	<b>1<sup>st</sup> QTR 2013</b>	<b>2<sup>nd</sup> QTR 2015</b>	<b>4<sup>th</sup> QTR 2018</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Project Descriptions RMAP2 Projects</b>				
<b>Jefferson Hwy – HooShooToo Road</b>	✓			<b>Project completed – 3<sup>rd</sup> quarter 2009.</b>
<b>Staring Lane – Boone Drive Area Rehabilitation Project</b>	✓			<b>Project completed – 2<sup>nd</sup> quarter 2010.</b>
<b>Burbank Drive – Gardere Lane Area Rehabilitation Project</b>	✓			<b>Project completed – 4<sup>th</sup> quarter 2010.</b>
<b>Oak Villa –Choctaw Street Area Rehabilitation Project</b>	✓			<b>Project completed – 3<sup>rd</sup> quarter 2011.</b>
<b>Scotland Avenue – Progress Road Area Rehabilitation Project</b>	✓			<b>Project completed – 2<sup>nd</sup> quarter 2011.</b>
<b>Elm Grove Garden Road – Harding Boulevard Area Rehabilitation Project</b>	✓			<b>Project completed – 3<sup>rd</sup> quarter 2011.</b>
<b>Sharp Road – Florida Boulevard Area Rehabilitation Project</b>	✓			<b>Project completed – 3<sup>rd</sup> quarter 2012.</b>
<b>Kenilworth Boulevard – Boone Drive Area Rehabilitation Project</b>	✓			<b>Project completed – 3<sup>rd</sup> quarter 2012.</b>
<b>Foster Drive - Government Street Area Rehabilitation Project Phase A</b>	✓			<b>Project completed – 4<sup>th</sup> quarter 2011.</b>
<b>Foster Drive - Government Street Area Rehabilitation Project Phase B</b>	✓			<b>Project completed – 3<sup>rd</sup> quarter 2012.</b>
<b>Silverleaf Road – Ford Street Area Rehabilitation Project</b>	✓			<b>Project completed – 4<sup>th</sup> quarter 2012.</b>
<b>Brookstown Road - Evangeline Street Phase I Area Rehabilitation Project</b>	✓			<b>Project completed – 4<sup>th</sup> quarter 2012.</b>
<b>Brookstown Road – Evangeline Street Phase II Area Rehabilitation Project</b>	✓			<b>Project completed – 4<sup>th</sup> quarter 2012.</b>
<b>Bluebonnet Blvd – Jefferson Hwy Phase I Area Rehabilitation Project</b>		✓		<b>Project completed – 4<sup>th</sup> quarter 2012.</b>
<b>Bluebonnet Blvd – Jefferson Hwy Phase II Area Rehabilitation Project</b>		✓		<b>Project completed – 1<sup>st</sup> quarter 2013.</b>
<b>Highland Road – Washington Street Area Rehabilitation Project</b>		✓		<b>Project completed—3<sup>rd</sup> quarter 2013.</b>
<b>Stanford Avenue – Morning Glory Road Area Rehabilitation Project</b>	✓			<b>Project completed – 4<sup>th</sup> quarter 2012.</b>
<b>Airline Highway – Goodwood Blvd Phase I Area Rehabilitation Project</b>		✓		<b>Project completed-3<sup>rd</sup> quarter 2014.</b>
<b>Airline Highway – Goodwood Blvd Phase II Area Rehabilitation Project</b>		✓		<b>Project completed – 2<sup>nd</sup> quarter 2015.</b>
<b>Acadian Thruway – Claycut Road Area Rehabilitation Project</b>		✓		<b>Project completed – 1<sup>st</sup> quarter 2013.</b>
<b>Acadian Thruway – Perkins Road Area Rehabilitation Project</b>	✓			<b>Project completed – 4<sup>th</sup> quarter 2012.</b>

TABLE 4

## Updated EPA Consent Decree RMAP Milestones for Category 1 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2016	4 <sup>th</sup> QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Antioch Road – Chadsford Drive Area Rehabilitation Project		✓		Project completed – 2 <sup>nd</sup> quarter 2015.
Jones Creek Road – Tiger Bend Road Area Rehabilitation Project			✓	Construction 80% complete and ongoing. Anticipated completion 3 <sup>rd</sup> quarter 2015.
Scenic Highway – Spanish Town Road Phase I Area Rehabilitation Project		✓		Project completed – 2 <sup>nd</sup> quarter 2015.
Scenic Highway – Spanish Town Road Phase II Area Rehabilitation Project			✓	Construction 45% complete and ongoing. Anticipated completion 2 <sup>nd</sup> quarter 2016.
Siegen Lane – Interstate 10 Area Rehabilitation Project			✓	Construction NTP end 2 <sup>nd</sup> quarter 2015.
Interstate 110 – Hollywood Street Area Rehabilitation Project			✓	Construction is 71% complete and ongoing. Anticipated completion 3 <sup>rd</sup> quarter 2015.
Ardenwood Drive – Winbourne Street Area Rehabilitation Project			✓	Project advertised 1 <sup>st</sup> Quarter 2015. Construction NTP anticipated 3 <sup>rd</sup> quarter 2015.
Flannery Road – Florida Boulevard Phase I Area Rehabilitation Project			✓	Design 75% complete. Advertisement for bids expected to begin 3 <sup>rd</sup> quarter 2015.
Flannery Road – Florida Boulevard Phase II Area Rehabilitation Project			✓	Design 25% complete, design anticipated complete 3 <sup>rd</sup> quarter 2015.
East Boulevard – Government Street Area Rehabilitation Project			✓	Bid phase underway 2 <sup>nd</sup> quarter 2015.
North 38 <sup>th</sup> Street – Gus Young Avenue Area Rehabilitation Project			✓	Design phase underway with survey 50%.

## Category 2: Pump Station and Transmission Improvements

The Infoworks digital wastewater model was used to identify necessary increases in capacity of existing gravity mains, 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, 2015.

TABLE 5				
EPA Consent Decree RMAP2 Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Project Descriptions RMAP2 Projects				
Capitol Lake – Gayosa Street Area Capacity Improvements	✓			Project completed - 2 <sup>nd</sup> quarter 2012.
Gurney Road - Joor Road	✓			Project completed - 4 <sup>th</sup> quarter 2009.
Sullivan Rd./Lovett Rd./Wax Rd. Sewer Upgrades	✓			Project completed - 1 <sup>st</sup> quarter 2011.
Comite Road – Foster Road Sewer Area Upgrades - Phase I	✓			Project completed - 2 <sup>nd</sup> quarter 2010.
Foster Road – Hooper Road Sewer Area Upgrade	✓			Project completed - 4 <sup>th</sup> quarter 2010.
Zachary Area Transmission Network Improvements Phase I - 3 Pump Stations and Equalization Basin		✓		Project completed - 1 <sup>st</sup> quarter 2013.
Zachary Area Transmission Network Improvements Phase II – Red Mud Lakes Forcemain to NWWTP		✓		Construction approximately 92% complete. Various environmental issues have greatly impacted the schedule for this project; major delays are anticipated. Project is suspended due to backwater flooding; this project is included in the previously submitted Force Majeure Event Notification, Mississippi River Flood Event. Currently critical path work is unavailable until the river level falls and soils at the site stabilize.
Zachary Area Transmission Network Improvements Phase III – Forcemain to Highway 964 to Red Mud Lakes		✓		Project completed - 4 <sup>th</sup> quarter 2014.
Zachary Area Transmission Network Improvements Phase IV – Zachary Improvements		✓		Project completed - 4 <sup>th</sup> quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements			✓	Advertisement for bids initiated 2 <sup>nd</sup> quarter 2015.
South Boulevard – St. Joseph Street Sewer Area Upgrades	✓			Project completed - 3 <sup>rd</sup> quarter 2012.

TABLE 5

## EPA Consent Decree RMAP2 Milestones for Category 2 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
South Boulevard – St. Joseph Street Sewer Area Upgrades – Phase B			✓	Construction approximately 40% complete and ongoing. This project has encountered many physical obstacles that continue to impact the anticipated completion date. <b>Currently all work is unavailable due to the Corps of Engineers Order regarding the Mississippi River Flood levels and associated project permit conditions. This project is included in the previously submitted Force Majeure Event notification.</b>
Downtown Area Pump Station Improvements		✓		Project completed - 3 <sup>rd</sup> quarter 2012.
Highland Road – Buchanan Street Sewer Area Upgrades	✓			Project completed - 4 <sup>th</sup> quarter 2011.
Citiplace/Essen Area - PS119 & Forcemain Improvements	✓			Project completed - 3 <sup>th</sup> quarter 2012.
Group Project 1A (Metro Airport Sewer Upgrades)		✓		Project completed - 2 <sup>nd</sup> quarter 2013.
Group Project 1B (Metro Airport Sewer Area Pump Station & Forcemain Upgrades)		✓		Construction approximately 98% complete and ongoing. Schedule impacts are being monitored and mitigation efforts are ongoing.
Perkins/Old Perkins Area - Booster PS 514 Improvements		✓		Project completed - 2 <sup>nd</sup> quarter 2013.
Group Project 2 (Old Perkins – Highland Road Area Upgrades)	✓			Project completed - 2 <sup>nd</sup> quarter 2012.
Highland Road – Burbank Drive Capacity Improvements		✓		Construction is approximately 99% complete and ongoing. The final components of this project have been incorporated into another project currently underway due to City-Parish initiating default proceeding against the contractor. Work is being closely monitored for schedule impacts.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase A		✓		Project completed - 1 <sup>st</sup> quarter 2012.
Nicholson Drive – Highland Road – Perkins Road Capacity Improvements Phase B		✓		Project completed - 1 <sup>st</sup> quarter 2015.
Bayou Duplantier Area Sewer Upgrades		✓		Project completed – 3 <sup>rd</sup> quarter 2013.
25th Street - North Acadian Thruway	✓			Improvements designed under this project were constructed as part of the Capital Lake-Gayosa Drive Project and the South Blvd.-Saint Joseph Street Project. Please see status updates for the two projects mentioned in this table above.

TABLE 5

## EPA Consent Decree RMAP2 Milestones for Category 2 Projects

	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
Government St - South Acadian Thruway Sewer Area Upgrades			✓	Construction is approximately 67% complete and ongoing, with completion anticipated 3 <sup>rd</sup> quarter 2015. Contractor experiencing manpower issues as previously described. Schedule impacts are being monitored and mitigation efforts are ongoing. Project exchanged to 3 <sup>rd</sup> milestone for O'Neal Lane Pipeline Improvements-Group B.
Plank Road – Kleinpeter Road Sewer Area Upgrades		✓		Construction is approximately 91% complete and ongoing. Contractor experiencing manpower issues. Schedule impacts are being monitored and mitigation efforts are ongoing.
O'Neal Lane Pipeline Improvements – Group A		✓		Project completed- 4th quarter 2014.
O'Neal Lane Pipeline Improvements – Group B		✓		Project completed – 2 <sup>nd</sup> quarter 2015.
Multiple PS - Nicholson Dr - Brightside Dr		✓		Project completed – 2 <sup>nd</sup> quarter 2015.
Pump Station 58 Capacity Improvements		✓		Project completed – 1 <sup>st</sup> quarter 2015.
Staring Lane FM (Phase I - Burbank Drive to Highland Road)	✓			Project completed - 2 <sup>nd</sup> quarter 2010.
Staring Lane FM (Phase II - Highland road to Perkins Road)		✓		Project completed-4 <sup>th</sup> quarter 2013.
Staring Lane FM (Phase III - Perkins to PS58)		✓		Project completed-3 <sup>rd</sup> quarter 2013.
Multiple PS - Jefferson Hwy - Park Forest Dr		✓		Project completed - 3 <sup>rd</sup> quarter 2012.
Airline Highway Pipeline Improvements-Phase A			✓	Design completed. Advertisement for bids expected to begin 3 <sup>rd</sup> quarter 2015.
Airline Highway Pipeline Improvements-Phase B			✓	Design completed. Advertisement for bids expected to begin 3 <sup>rd</sup> quarter 2015.
Multiple PS - Highland Road - Kenilworth Parkway			✓	Construction is approximately 21% complete and ongoing.
Florida Boulevard Pump Station Improvements			✓	Design completed. Advertisement for bids anticipated 3 <sup>rd</sup> quarter 2015.
Plank Road Pump Station Improvements			✓	Construction is approximately 12% complete and ongoing.
Multiple PS - Highway 61 - Plank Road			✓	100% design underway with submittal anticipated 3 <sup>rd</sup> quarter 2015.
O'Neal Lane Pump Station Improvements – Group A			✓	Construction approximately 55% complete and ongoing.

TABLE 5 EPA Consent Decree RMAP2 Milestones for Category 2 Projects				
	33% Construction Milestone	66% Construction Milestone	100% Construction Milestone	Project Status Summaries
Milestone Date	1 <sup>st</sup> QTR 2013	2 <sup>nd</sup> QTR 2015	4 <sup>th</sup> QTR 2018	
Construction Status	Construction Functionally Complete	Construction Functionally Complete	Construction Functionally Complete	
O'Neal Lane Pump Station Improvements – Group B			✓	Construction approximately 30% complete and ongoing.
Sherwood Forest Blvd – Goodwood Blvd Pipeline Improvements			✓	Design completed. Advertisement for bids anticipated 3 <sup>rd</sup> quarter 2015.
Joor Road - Greenwell Springs Road Sewer Area Upgrades			✓	Design completed. Advertisement for bids anticipated 1 <sup>st</sup> quarter 2016.
Plank Road - Port Hudson Pride Road Sewer Area Upgrades			✓	Construction 60% complete and ongoing.
Highland Road Pipeline Improvements - Group A			✓	Construction is approximately 20% complete and ongoing
Highland Road Pipeline Improvements - Group B			✓	NTP issued 2 <sup>nd</sup> quarter 2015, construction to begin 3 <sup>rd</sup> quarter.
Oak Villa Boulevard - Monterey Boulevard Sewer Area Upgrades			✓	Design completed. Advertisement for bids expected to be underway 3 <sup>rd</sup> quarter 2015.
Lovett Road – Greenwell Springs Road Sewer Area Upgrades			✓	100% design underway and expected to be submitted 3 <sup>rd</sup> quarter 2015.
Hooper Road Pump Station Improvements			✓	Design completed. Advertisement for bids expected to be underway 1 <sup>st</sup> quarter 2016.
Multiple PS - Prescott Rd - Greenwell Springs Rd			✓	100% design underway and expected to be submitted 3 <sup>rd</sup> quarter 2015.
Multiple PS - Burbank Drive - Siegen Lane			✓	Construction NTP 2 <sup>nd</sup> quarter 2015.
Pump Station 42 Improvements		✓		Construction is approximately 95% complete and ongoing. Project being closely monitored and issues that may seriously impact schedule are being mitigated. <b>Currently critical path work is unavailable due to the Corps of Engineers Order regarding the Mississippi River Flood levels and project specific permit conditions. This project was included in the Force Majeure Event notification.</b>
Pump Station 42 Forcemain - Phase I		✓		Project complete-3 <sup>rd</sup> quarter 2014.
Pump Station 42 Forcemain - Phase II		✓		Project complete-2 <sup>nd</sup> quarter 2014.
Central Consolidated Pump Stations		✓		Project complete—4 <sup>th</sup> quarter 2014.
Central Consolidated Forcemains – Phase I		✓		Project complete--3 <sup>rd</sup> quarter 2013.
Central Consolidated Forcemains – Phase II		✓		Project complete-3 <sup>rd</sup> quarter 2014.



### 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. Effluent pumping improvements were also completed as part of the IAP.
- 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

	<b>33% Construction Milestone</b>	<b>66% Construction Milestone</b>	<b>100% Construction Milestone</b>	<b>Project Status Summaries</b>
<b>Milestone Date</b>	<b>1<sup>st</sup> QTR 2013</b>	<b>2<sup>nd</sup> QTR 2015</b>	<b>4<sup>th</sup> QTR 2018</b>	
<b>Construction Status</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	<b>Construction Functionally Complete</b>	
<b>Project Descriptions RMAP2 Projects</b>				
<b>Choctaw Storage and Pump Station Facility</b>		✓		<b>Project completed – 3<sup>rd</sup> quarter 2013.</b>
<b>Hooper Storage Facility</b>		✓		Construction approximately 89% complete and ongoing. Project being closely monitored for issues that are impacting schedule; mitigation efforts are underway.
<b>South WWTP IAP (Consolidated – Screening, Primary Treatment, Trickling Filter Recirculation, Sludge Handling)</b>	✓			<b>Project completed - 2<sup>nd</sup> quarter 2011.</b>
<b>South WWTP IAP (Effluent Pumping Improvements)</b>	✓			<b>Project completed - 1<sup>st</sup> quarter 2008.</b>
<b>SWWTP Wet Weather Improvements -Phase I</b>		✓		<b>Project completed - 2<sup>nd</sup> quarter 2013.</b>

SWWTP Wet Weather Improvements - Phase II (PDP portion)		✓		Project completed - 2 <sup>nd</sup> quarter 2015.

These storage projects are part of the transmission system which permits retainage of wet weather peak flows. Four of the projects in this Category are complete, and the other two are already underway. The details of the wastewater treatment and storage projects are listed in Table 6 below, and are current through June 30, 2015.

### Additional Projects Outside of Consent Decree

This category of projects is composed of several additional projects the City/Parish has agreed to implement not presently included/tracked by the RMAP2 Consent Decree Compliance Schedule, and specifically includes wet weather improvements at the City/Parish wastewater treatment plants (WWTP's), as well as storage facilities throughout the service area. Many of these projects will greatly improve the operation and maintenance of the wastewater collection system, WWTP's, and storage facilities. Specifically included in this group of projects are both the SCADA Project and the Standby Power Program, which will help optimize the overall operation of the treatment facilities and pump stations, while minimizing risks associated with SSOs. All of these additional projects are summarized below and project statuses are provided in Table 7. Note that the schedule below is based upon time (number or months) from extension approval for the projects involving the NWWTP.

Table 7			
Proposed Schedule for Projects Outside of Consent Decree			
	Scheduled Start	Scheduled Finish	Project Status Summary
<b>NWWTP Master Plan Project #1 – WWTP Improvements</b>	Project Underway	Design – December, 2015 Construction – December, 2018	Design is at 60% and ongoing.
<b>NWWTP Master Plan Project #2 – Sustainability Projects</b>	Project Underway	Design – December, 2015 Construction – December, 2018	100% design underway. Advertisement anticipated 3 <sup>rd</sup> quarter 2015.
<b>NWWTP Master Plan Project #3 (Public Project) – Plant Buffer</b>	6 months from Extension approval	Design and Land Purchase – June, 2014 Construction – June, 2015	Design underway 2 <sup>nd</sup> quarter 2015.
<b>SWWTP Wet Weather Improvements – Phase II (Master Plan portion)</b>	Project Underway	4 <sup>th</sup> quarter, 2014	Construction is approximately 98% complete and ongoing.
<b>Sewer System and WWTP Stand-by Power Program</b>	Project Underway	Completion of SSO Program	Installation approximately 64% and on-going. Additional scope added; anticipated continual growth on this project.
<b>SCADA (Collection System, Operations Data and Control Center)</b>	Project Underway	Completion of SSO Program	Construction of overall project 18% complete and ongoing; additional operational and permitting requirements being incorporated.

Table 7			
Proposed Schedule for Projects Outside of Consent Decree			
	Scheduled Start	Scheduled Finish	Project Status Summary
Environmental Services Facility	Project Underway	Proposed completed by 3 <sup>rd</sup> quarter 2016	100% design ongoing.
NWWTP Odor Control Project	Complete	Complete	Project completed – 4 <sup>th</sup> quarter 2010.
Comite –Foster Road Sewer Area Upgrades - Phase II	Complete	Complete	Project completed - 1 <sup>st</sup> quarter 2011.
Zachary Area Transmission Network Improvements Phase V – Zachary Improvements	Project Underway	Expected to be completed by 4 <sup>th</sup> quarter 2015.	100% design under review. Additional work has been added to this project. Advertisement for bids anticipated 3 <sup>rd</sup> quarter 2015.
South Boulevard – Saint Joseph Street Phase B	Project Underway	Expected to be completed by 3 <sup>rd</sup> quarter 2015.	Construction approximately 40% complete and ongoing. This project has encountered many physical obstacles that continue to impact the anticipated completion date. <b>Currently all work is unavailable due to the Corps of Engineers Order regarding the Mississippi River Flood. See attached Force Majeure event notification.</b>
Central WWTP Decommissioning Project	4 <sup>th</sup> quarter 2014	Expected to be completed by 2 <sup>nd</sup> quarter 2017.	Project design underway.

## 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 *36<sup>th</sup> 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. A summary of outreach activities for the first quarter follows.

## **2nd Quarter 2015 Public Outreach Summary (April to June)**

April 9, 2015: SSO Program representatives attended and presented information on the SSO Program at the Connecting Businesses with Contracts Conference at Southern University. Roughly 250 individuals attended. Those who visited the SSO Program's booth learned about the purpose of the SSO Program, and the Business Network Center which is a program-created means of providing businesses' information to Program construction contractors. In addition, several informational flyers were distributed discussing the Business Network Center and the SSO Program.

April 15, 2015: A public meeting was held with members of the Historic Spanish Town Civic Association and other members of the nearby community to discuss upcoming construction of Scenic Hwy- Spanish Town Rd Area Rehabilitation Phase II Project. A large scale image of the area to illustrate all planned upcoming repairs was used. Approximately 6 civic association members attended.

April 22, 2015: A public meeting was held with the University Acres Civic Association at University Baptist Church, located at 5775 Highland Road. At this meeting, information was presented concerning the SSO Program and construction of the Highland Rd. Area Sewer Upgrades Phase A project. Three SSO Program representatives presented using a PowerPoint presentation. Public Quarterly Progress Reports and Public Information Line contact cards were distributed to interested individuals.

April 29, 2015: Metro Council Aides met and were briefed on the current status of the SSO Program, with a focus on the Supervisory Control and Data Acquisition (SCADA) System. This briefing, which is held quarterly, provides Metro Council Aides with information that allows them to best handle any concerns district members may voice. Approximately 8 Metro Council Aides attended.

May 12 2015: The Program Manager presented a PowerPoint presentation at the monthly Downtown Development District (DDD) meeting, which was held at 935 South 11<sup>th</sup> Street. The presentation focused on two rehabilitation projects, Scenic Hwy-Spanish Town Rd Rehabilitation Project Phase 2 and the Annual Parishwide Sewer Repair and Replacement Project. After the presentation, questions were taken. The meeting was attended by roughly 60 community members. Downtown construction information flyers were distributed as well as Public Information Line contact cards.

May 13, 2015: A public meeting was held with members of the Fairwood Garden District Homeowners Association at the Fairwood Library, located at 12910 Old Hammond Highway. A presentation about the purpose of the SSO Program was done with additional detail provided for the O'Neal Pump Station Improvements, Group B projects. Focused discussion was held on Pump Station 227 by two SSO Program representatives. Approximately 45 homeowner association members attended. A project information flyer, public Quarterly Progress Reports, and Public Information Line contact cards were distributed at the meeting.

In addition, the project information flyer and a work description write-up were distributed electronically to homeowner association members.

May 28, 2015: A meeting was held at Jones Creek Library, located at 6220 Jones Creek Road, with business owners of District 8, especially those in the Jones Creek area. The meeting was to discuss primarily two projects – O’Neal Pump Station Improvements Group A and Antioch-Chadsford Area Rehabilitation project. Approximately 15 citizens attended. The presentation was given by the Program Manager and the Project Delivery/Quality Assurance Manager.

May 28, 2015: A meeting was held at Jones Creek Library, located at 6220 Jones Creek Road, with members of District 8 to discuss the current status of active construction projects in District 8, including both capacity projects (O’Neal Pump Station Improvements Group A and Group B, O’Neal Ln. Sewer Area Upgrades Group B project) and rehabilitation projects (Airline Hwy. – Goodwood Blvd. Area Sewer Rehabilitation, Antioch Rd-Chadsford Dr. Area Sewer Rehabilitation, Jones Creek Rd. – Tiger Bend Rd Area Rehabilitation, Siegen Ln. – I-10 Area Sewer Rehabilitation). In addition, projects to be bid were also discussed for both capacity projects (Florida Blvd. Pump Station Improvements, Airline Hwy. Pipeline Project Phase B) and rehabilitation projects (Flannery Rd. – Florida Blvd. Area Rehabilitation Phase 1 and Phase 2). The meeting was attended by approximately 30 citizens from district 8. The presentation was given by the Program Manager and the Project Delivery/Quality Assurance Manager.

June 8, 2015: Two SSO Program representatives attended the Mayor’s Small Business Summit. This event, attended by roughly 200 individuals, provided general information about the SSO Program as well as the Business Network Center, a mean by which small businesses can provide their information to potential construction contractors of SSO Program projects. Flyers concerning the SSO Program and the Business Network Center as well as SSO Program Information Line cards were distributed.

**Baton Rouge 2002 Consent Decree Quarterly Report**  
**Preventive Maintenance Plan Summary Totals**  
**April 1 - June 30, 2015**

Summary of Activities	1st Quarter (52)		2nd Quarter (53)		3rd Quarter (54)		4th Quarter (55)		Totals		
	52th Quarterly Total	Cum. % Complete	53th Quarterly Total	Cum. % Complete	54th Quarterly Total	Cum. % Complete	51th Quarterly Total	Cum. % Complete	Cum. Annual Total	Cum. % Complete	Annual Goal
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>											
Lines Cleaned (ft)	157,677	28%	63,609	39%	0	39%	0	39%	221,286	39%	570,000
CCTV Inspected (ft)	42,042	7%	72,671	20%	0	20%	0	20%	114,713	20%	570,000
Smoke Tested (ft)	11,651		39,364		0		0		51,015		
Smoke Tested (no. of locations)	2		2		0		0		4		
Dye Water Flooded (no. of locations)	0		0		0		0		0		
Manholes Inspected (no.)	79	3%	319	16%	0	16%	0	16%	398	16%	2,500
Lines Repaired (no.)	767		613		0		0		1,380		
MH Rehabbed (no.)	25		67		0		0		92		
<b>Force Mains (240 miles)</b>											
Visual Surface Inspection (miles)	72.0	60%	57.8	108%	0.0	108%	0.0	108%	129.8	108%	120
Repaired (no.)	188		21		0		0		209		
<b>Air Release Valves (604)</b>											
Inspected/Maintained	360	38%	289	68%	0	68%	0	68%	649	68%	960 to 1,200
Repaired (no.)	128		156		0		0		284		
<b>Pump &amp; Lift Stations (421)</b>											
Inspections (no.)	17,974	40%	18,447	81%	0	81%	0	81%	36,421	81%	45,136
Wet wells cleaned	0		0		0		0		0		
Repaired (no.)	31		26		0		0		57		
<b>Peak Flow Storage Facilities (2)</b>											
Little Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104
Big Peak site visits - Decommissioned	0	0%	0	0%	0	0%	0	0%	0	0%	104

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

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
April 1 - June 30, 2015**

**North Plant- LA0036439**

Summary of Activities	1st Quarter (EPA Report No. S2)					2nd Quarter (EPA Report No. S3)						
	WWC (w/AMP) (Rout.)	WWC-PS (Rout.) (Corr.)	Field Ener. (Rout.)	Field Ener. (Rout.)	Quarterly Total	*Cum. % Complete	WWC (w/AMP) (Rout.) (Corr.)	WWC-PS (Rout.) (Corr.)	Field Ener. (Rout.)	Field Ener. (Rout.)	Quarterly Total	*Cum. % Complete
Gravity Collection System (2,460,000ft/10,640MH) Lines Cleaned (ft)	37,750		1,486	1,486	39,236	7%					34,676	13%
CCTV Inspected (ft)			1,486	1,486	1,486	0%					34,676	6%
Smoke Tested (ft)			2,560	3,532	6,092			6,553	9,815			
Smoke Tested (no. of locations)					0						0	
Dye Water Flooded (no. of locations)					0						0	
Manholes Inspected (no.)			15	15	15	1%			26	112	138	6%
Lines Repaired (no.)			258	258	258		2		164	164	166	
MH Rehabbed (no.)			4	4	4				5	5	5	
Force Mains (120 miles) Visual Surface Inspection (miles) Repaired (no.)		54.2			54.2	45%					26	67%
Air Release Valves (335) Inspected/Maintained Repaired (no.)		271			271	28%					132	42%
Pump & Lift Stations (141) Inspections (no.) Wet wells cleaned Repaired (no.)		6,460			6,460	14%					6,630	29%
			13		13					6	6	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
April 1 - June 30, 2015**

**Central Plant-LA0036421**

Summary of Activities	1st Quarter (EPA Report No. 52)						2nd Quarter (EPA Report No. 53)						
	WWC (w/AMP)		WWC-PS		Field Engr.-	Quarterly Total	WWC (w/AMP)		WWC-PS		Field Engr.-	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		(Rout.)	(Corr.)	(Rout.)	(Corr.)	(Rout.)		
Gravity Collection System (1,410,000ft/5,760MB)													
Lines Cleaned (ft)		16,000			10,251	26,251				14,909	14,909	14,909	7%
CCTV Inspected (ft)					10,251	10,251				24,252	24,252	24,252	6%
Smoke Tested (ft)					0	0				11,157	11,157	11,157	
Smoke Tested (no. of locations)					0	0				0	0	0	
Dye Water Flooded (no. of locations)					0	0				83	83	83	3%
Manholes Inspected (no.)					53	53				227	227	227	
Lines Repaired (no.)					3	3				10	10	10	
MH Rehabbed (no.)													
Force Mains (10 miles)													
Visual Surface Inspection (miles)			3.8		5	3.8			2.8		2.8	2.8	6%
Repaired (no.)						5					0	0	
Air Release Valves (18)													
Inspected/Maintained			19			19			14		14	14	3%
Repaired (no.)				3		3			8		8	8	
Pump & Lift Stations (21)													
Inspections (no.)			798			798			819		819	819	4%
Wet wells cleaned						0					0	0	
Repaired (no.)						0			3		3	3	

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance



**Baton Rouge 2002 Consent Decree Quarterly Report  
Preventive Maintenance Plan Summary Totals  
April 1 - June 30, 2015**

**South Plant-LA0036412**

Summary of Activities	1st Quarter (EPA Report No. 52)					2nd Quarter (EPA Report No. 53)						
	WWC (w/AMP)		WWC-PS	Field Engr.	Quarterly Total	*Cum. % Complete	WWC (w/AMP)		WWC-PS	Field Engr.	Quarterly Total	*Cum. % Complete
	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Rout.)	(Rout.)	(Corr.)	(Rout.)	(Rout.)	(Rout.)	(Rout.)
Gravity Collection System (4,640,000ft/21,580MH)												
Lines Cleaned (ft)	58,750			33,440	92,190	16%				14,024	14,024	19%
CCTV Inspected (ft)				30,305	30,305	9%				13,743	13,743	8%
Smoke Tested (ft)				5,559	5,559					10,586	11,839	
Smoke Tested (no. of locations)				2	2					2	2	
Dye Water Flooded (no. of locations)					0						0	
Manholes Inspected (no.)				28	64	3%				57	98	6%
Lines Repaired (no.)				456	456			4		216	220	
MH Rehabbed (no.)				18	18					52	52	
Force Mains (110 miles)												
Visual Surface Inspection (miles)			14.0		14.0	12%				28.6	28.6	36%
Repaired (no.)				178	178						0	
Air Release Valves (251)												
Inspected/Maintained			70		70	7%				143	143	22%
Repaired (no.)					25					82	82	
Pump & Lift Stations (259)												
Inspections (no.)			10,716		10,716	24%				10,998	10,998	48%
Wet wells cleaned					0						0	
Repaired (no.)					18					17	17	
Peak Flow Storage Facilities (2)												
Little Peak site visits-Decommissioned					0	0%					0	0%
Big Peak site visits- Decommissioned					0	0%					0	0%

Rout.-Routine Maintenance  
Corr.-Corrective Maintenance

**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 39,364 linear feet of sewer was smoke tested to identify violations of City/Parish ordinances regarding private cross connections. No private cross connections were identified. There were no exceptions in enforcing the ban on private cross connections.

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

**Part A – Cross Connection Elimination Plan**

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

The City/Parish  [is]  [is not] in compliance with Section VIII Elimination of Cross Connections for the period 04/01/15 to 06/30/15. 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 percentages of lines CCTV inspected, lines cleaned and manholes inspected did not reach the 2<sup>nd</sup> quarter goal of 50%. We will increase the inspection quantities required on the Physical Inspection project for the next quarter. We do not anticipate any non-compliance related to preventive maintenance activities in the future. Note that the gravity system preventative maintenance activities are tied to the design schedules of the RMAP2 Submittal Category 1- Comprehensive Rehabilitation Projects.

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

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

**Part B - Preventive Maintenance Program (PMP)**

**Summary of Collection System Activities**

	<b>Quarterly Total Apr.-Jun. 2015</b>	<b>Cumulative 2015 Annual Total</b>	<b>2015 Annual Goal</b>
<b>Gravity Collection System (8,510,000ft/38,000MH)</b>			
Lines Cleaned (ft)	63,609	221,286	570,000
CCTV Inspected (ft)	72,671	114,713	570,000
Smoke Tested (ft)	39,364	51,015	----
Smoke Tested (no. of locations)	2	4	----
Dye Water Flooded (no. of locations)	0	0	----
Manholes Inspected (no.)	319	398	2,500
Lines Repaired (no.)	613	1,380	----
MH Rehabbed (no.)	67	92	----
<b>Force Mains (240 miles)</b>			
Visual Surface Inspection (miles)	57.8	129.8	120
Repaired (no.)	21	209	----
<b>Air Release Valves (604)</b>			
Inspected / Maintained	289	649	960 to 1,200
Repaired (no.)	156	284	----
<b>Pump &amp; Lift Stations (421)</b>			
Inspections (no.)	18,447	36,421	45,136
Wet wells cleaned	0	0	----
Repaired (no.)	26	57	----
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- Decommissioned	n/a	n/a	104
Big Peak site visits- Decommissioned	n/a	n/a	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 04/1/15 to 06/30/15. 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 Apr.– Jun. 2015</u>
<b>Gravity Collection System (2,460,000ft/10,640MH)</b>			
Lines Cleaned (ft)	34,676	0	34,676
CCTV Inspected (ft)	34,676	0	34,676
Smoke Tested (ft)	16,368	0	16,368
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	138	0	138
Lines Repaired (no.)	164	2	166
MH Rehabbed (no.)	5	0	5
<b>Force Mains (120 miles)</b>			
Visual Surface Inspection (miles)	26.4	0.0	26.4
Repaired (no.)	21	0	21
<b>Air Release Valves (335)</b>			
Inspected / Maintained	132	0	132
Repaired (no.)	0	66	66
<b>Pump &amp; Lift Stations (141)</b>			
Inspections (no.)	6,630	0	6,630
Wet wells cleaned	0	0	0
Repaired (no.)	0	6	6

**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 Apr.– Jun. 2015</u>
<b>Gravity Collection System (1,410,000ft/5,760MH)</b>			
Lines Cleaned (ft)	14,909	0	14,909
CCTV Inspected (ft)	24,252	0	24,252
Smoke Tested (ft)	11,157	0	11,157
Smoke Tested (no. of locations)	0	0	0
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	83	0	83
Lines Repaired (no.)	227	0	227
MH Rehabbed (no.)	10	0	10
<b>Force Mains (10 miles)</b>			
Visual Surface Inspection (miles)	2.8	0	2.8
Repaired (no.)	0	0	0
<b>Air Release Valves (18)</b>			
Inspected / Maintained	14	0	14
Repaired (no.)	0	8	8
<b>Pump &amp; Lift Stations (21)</b>			
Inspections (no.)	819	0	819
Wet wells cleaned	0	0	0
Repaired (no.)	0	3	3

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 Apr.– Jun. 2015</u>
<b>Gravity Collection System (4,640,000ft/21,580MH)</b>			
Lines Cleaned (ft)	14,024	0	14,024
CCTV Inspected (ft)	13,743	0	13,743
Smoke Tested (ft)	11,839	0	11,839
Smoke Tested (no. of locations)	2	0	2
Dye Water Flooded (no. of locations)	0	0	0
Manholes Inspected (no.)	98	0	98
Lines Repaired (no.)	216	4	220
MH Rehabbed (no.)	52	0	52
<b>Force Mains (110 miles)</b>			
Visual Surface Inspection (miles)	28.6	0.0	28.6
Repaired (no.)	0	0	0
<b>Air Release Valves (251)</b>			
Inspected / Maintained	143	0	143
Repaired (no.)	0	82	82
<b>Pump &amp; Lift Stations (259)</b>			
Inspections (no.)	10,998	0	10,998
Wet wells cleaned	0	0	0
Repaired (no.)	0	17	17
<b>Peak Flow Storage Facilities (2)</b>			
Little Peak site visits- <b>Decommissioned</b>	n/a	n/a	n/a
Big Peak site visits- <b>Decommissioned</b>	n/a	n/a	n/a

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 one hundred twenty two (122) Sanitary Sewer Overflows (SSOs) were responded to during this reporting period, five (5) overflows occurred 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 not followed for all unauthorized discharges during this reporting period. Document revisions and employee training for the SSO Response Plan shall be scheduled. The City/Parish complied with the Collection System Preventive Maintenance Program.

<b>Summary of Unauthorized Discharges</b>	<b>Number</b>
North Plant-LA0036439 AI# 4843 Collection System	<b>15</b>
Central Plant-LA0036421 AI # 4842 Collection System	<b>28</b>
South Plant-LA0036412 AI# 4841 Collection System	<b>79</b>
<b>Total</b>	<b>122</b>

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

The City/Parish  [is]  [is not] in compliance with Section X Sanitary Sewer Overflow Response Plan (SSORP) for the period 04/1/15 to 06/30/15. 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 one hundred twenty two (122) unauthorized discharges occurred during this quarter, five (5) of these discharges occurred at the wastewater treatment plants.

Summary of Unauthorized Discharges	Number
North Plant-LA0036439 AI# 4843 Collection System	15
Central Plant-LA0036421 AI # 4842 Collection System	28
South Plant-LA0036412 AI# 4841 Collection System	79
<b>Total</b>	<b>122</b>

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

There were no unusual SSOs, and four (4) unauthorized discharges equal to or greater than 100,000 gallons during this reporting period. Two of the four aforementioned discharges were due to power failures; one at the Central Wastewater Treatment Plant and one at the South Wastewater Treatment Plant, were the alternate transfer switch to the backup generators located on site was still under construction at the time of the incident. All construction for the backup generators located at the South Wastewater Treatment Plant has since been completed. The remaining discharges were caused by an electrical malfunction at the bar screen at the Central Wastewater Treatment Plant that was repaired and surcharge conditions in the field during a wet weather event.

Implementation of the Remedial Measures Action Plan (RMAP) projects is ongoing which consist of approximately 109 individual projects. Due to the sheer size of our program improvements, it was necessary to break the program into these manageable individual projects taking into consideration sewer basin location, location with the system, and type of construction. Many of these projects have been moving forward concurrently however each is in different stages of completion. Due to this, all the upgraded pump stations that will increase the sewer flows to the plants cannot be operated at full design flows until all downstream capacity improvements are in place. As we have continued to tighten our system with the aggressive rehabilitation programs, but not having all capacity improvements on line yet, we are finding that we are experiencing a temporary increase in sewer overflows in some portions of the collection system. These will continue to subside as we bring more and more of our improvements online.

The City/Parish  [is]  [is not] in compliance with Section XI Reporting of Unauthorized Discharges for the period 04/1/15 to 06/30/15. If not, see comments above.

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

**NORTH Sewer District Collection System LPDES LA0036439A1# 4843  
04/01/2015 To 06/30/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/10/2015	12124 North Englewood Dr.	Manhole overflowing because sewerage system surcharging. MH# 045-05006.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	2,500	45	56	240	6.96
4/10/2015	12130 Gibbens Rd.	Manhole overflowing because sewerage system surcharging. MH# 045-00303R.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	1,500	45	56	240	6.96
4/10/2015	4925 Clark St.	Manhole overflowing because sewerage system surcharging. MH# 045-00005.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	3,000	45	56	240	6.96
4/23/2015	3700 Baton Rouge Ave.	Manhole overflowing because sewerage system surcharging. MH# 043-00145.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	600	43	128	148	7.15
4/27/2015	12124 North Englewood Dr.	Manhole overflowing because sewerage system surcharging. MH# 045-05010.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	1,000	45	66	144	6.79
4/27/2015	3700 Baton Rouge Ave.	Manhole overflowing because sewerage system surcharging. MH# 043-00145.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	6,000	43	66	144	6.52
5/7/2015	2823 Rebecca Lynn Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 127-00030.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	1,000	127	167	166	7.16
5/8/2015	4110 East Caribou Ct.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 128-00060A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	1,000	128	205	130	6.54

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

**NORTH Sewer District Collection System LPDES LA0036439AH# 4843  
04/01/2015 To 06/30/2015**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
5/19/2015	7074 Cambridge St.	Pump Station # 75 was down - high wet well - there was a blockage in the pump. MH# 75-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	75	88	348	6.69
5/19/2015	7855 Howell Blvd.	Pump Station # 44 was down - high wet well - PLC was malfunctioning. MH# 44-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	400	44	88	348	6.69
5/26/2015	15506 South Post Oak Court	Pump Station # 207 was down - high wet well - there was a blockage in the pump. MH# 207-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	207	48	156	6.43
5/26/2015	5455 Silverleaf Ave.	Manhole overflowing because sewerage system surcharging. MH# 052-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	500	52	48	156	6.43
5/30/2015	4740 Clark St.	Manhole overflowing because sewerage system surcharging. MH# 045-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	750	45	62	234	6.8
6/30/2015	5873 Larchwood Dr.	Manhole overflowing because sewerage system surcharging. MH# 047-00198.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	1,000	47	128	144	6.63
6/30/2015	2635 Osceola St	Manhole overflowing because sewerage system surcharging. MH# 023-00272.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	500	23	99	194	6.86



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

CENTRAL Sewer District Collection System LPDES LA0036421A# 4842  
04/01/2015 To 08/30/2015

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/1/15	1100 Mansfield Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 228-08312.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	450	228	144	382	6.68
4/1/15	South Acadian Hwy @ Perkins Rd. Underpass	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 005-03918C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	350	5	144	382	6.68
4/9/15	445 Marquette Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 004-03445A.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	300	4	405	412	6.96
4/12/15	2147 East Lakeshore Dr.	Pump Station # 010 was down - high wet well - there was an electrical leg out. Entergy utility responded to bring pump station back on line. MH# 010-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	Dawson Creek	4,500	10	60	176	6.99
4/13/15	East Lakeshore Dr. @ Cedardale Ave.	Manhole overflowing because sewerage system surcharging. MH# 002-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	2,550	2	221	254	6.91
4/15/15	4435 Broussard St.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 004-03298.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	500	4	72	64	6.93
4/18/15	East Lakeshore Dr. @ Cedardale Ave.	Manhole overflowing because sewerage system surcharging. MH# 002-01354.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	750	2	54	156	6.95

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

CENTRAL Sewer District Collection System LPDES LA0036421A# 4842  
04/01/2015 To 06/30/2015

Date	Address	Cause	Action	Prevention	Rec. Waters	Ant. Gals	PS	BOD	TSS	pH
4/27/15	2064 Ellissalde St	Manhole overflowing because sewerage system surcharging. MH# 002-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	500	2	163	356	7.19
4/27/15	1671 Cedarvale Ave.	Manhole overflowing because sewerage system surcharging. MH# 002-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	800	2	163	356	7.19
5/4/15	5670 Claycut Rd.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 004-03879.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	250	4	144	242	7.26
5/5/2015	1032 Forge Ave	There was a stoppage in the city's main collection line and sewer leaking into the from a pipe that was not plugged by the contractor. MH# not on map associated with Pump Station # 006.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line. Pure X bleach was added to aid in disinfecting, also fresh water was pumped from LSU lake into the bayou.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Bayou Duplantier 21-2-2	3,500	6	229	320	7.27
5/5/2015	640 South Blvd.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 059-05853.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Bayou Duplantier 21-2-2	350	59	229	320	7.27
5/10/2015	South Acadian Thruway	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 005-03918C.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	350	5	93	240	7.01

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

CENTRAL Sewer District Collection System LPDES LA0036421A# 4842  
04/01/2015 To 06/30/2015

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
5/9/2015	773 Moore St.	Pump Station # 4 was down - high wet well - station was being upgraded. By-pass pumps were not operating. Contractors who was responsible were notified. MH# 004-03289.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	Ward Creek	1,000	4	138	328	7.06
5/12/2015	766 Alice St.	Assessment of the area continues as to determine the root cause of the leakage. Vacuum truck removed discharged sewage waste. MH# 001-00538.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We have submitted a request for DOTTE to excavate the area to determine location of breakage in the lateral. Work order has been submitted to conduct repairs.	None	350	1	120	404	7.06
5/14/2015	South Acadian Thruway	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 005-039188.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	550	5	169	392	6.87
5/20/2015	South Blvd.	Pump Station # 59 was down - bypass was set up and monitored by Baker Pumps. The primary pump was clogged with debris. The emergency notification system was malfunctioning and it has been replaced. MH# 059-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was sterilized, deodorized and all debris vacuumed.	We will periodically monitor this bypass set-up.	None	3,400	59	245	616	7
5/26/2015	2092 East Lakeshore Dr.	Pump Station # 10 was down - high wet well - power failure. A back-up generator was brought to the site to provide an alternate power source. MH# 010-04903; 04902A; 04901; 04900.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	900	10	48	528	6.76
5/29/2015	2324 South Acadian Thruway	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 096-08151.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	500	96	118	198	6.99
6/3/2015	1975 East Lakeshore Ave.	There was a rupture in the city's eight-inch forcemain line causing the discharge. MH# 010-04934.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Work order was submitted for an emergency contract repair.	We will periodically monitor this section of line.	None	1,200	10	122	232	7.13

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

CENTRAL Sewer District Collection System LPDES LA0036421A# 4842  
04/01/2015 To 06/30/2015

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
6/9/2015	824 St. Joseph St.	Manhole overflowing because sewerage system surcharging. MH# 059-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	750	59	270	472	7.09
6/14/2015	2092 East Lakeshore Dr.	There was a stoppage in the city's main collection line that caused the manholes to overflow. MH# 010-04902A, 04901, 04900.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	300	10	120	170	6.97
6/30/2015	3373 Dalton St.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 060-07709.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	100	60	110	192	7.08
6/30/2015	1982 South Acadian Thwy	Manhole overflowing because sewerage system surcharging. MH# 003-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	500	3	110	192	7.08
6/30/2015	1671 Cedardale Ave.	Manhole overflowing because sewerage system surcharging. MH# 002-01336.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	University Lake	130,000	2	110	192	7.08
6/30/2015	Stanford Ave.	Manhole overflowing because sewerage system surcharging. Rain totals for this rain event were measured at 1.52 inches of accumulation per local meteorologist. MH# 002-01362.	Barriades were placed until overflow subsided.	Pump Stations upstream have had levels adjusted to reduce flow and an emergency response plan was developed for future rain events, which has been attached to this report.	University Lake	52,000	2	110	192	7.08

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

SOUTH Sewer District Collection System LPDES LA0096412 A#4841 04/01/2015 To 06/30/2015										
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/1/2015	744 Frances Harriet Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 058-02851.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	300	58	158	170	6.66
4/1/2015	13614 Cypress Ridge Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 219-00060, 219-00066.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	500	219	134	172	6.62
4/1/2015	7547 Town South Ave.	There was a stoppage in the city's main collection line that caused the six inch clean-out to overflow associated with the following manhole. MH# 057-05018.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	250	57	158	170	6.66
4/2/2015	Grand Lakes Dr.	Pump Station # 185 was down - high wet well - the ground fault circuit breaker switch was bad. MH# 185-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	400	185	212	188	6.65
4/3/2015	11005 Ericson Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 154-00005.	Recorded sewage discharge and dispatched wash truck to clear the stoppage and deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	300	154	236	146	6.79
4/5/2015	764 Plantation Ridge Dr.	Pump Station # 161 was down - high wet well - the ground fault circuit breaker switch was bad. MH# 161-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	161	232	168	6.58
4/6/2015	9518 Homestead Dr.	Pump Station # 431 was down - high wet well - the ground fault circuit breaker switch was bad. MH# 431-00002.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	431	224	332	6.74

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

SOUTH Sewer District Collection System LPDES LA0036472 A1#4841  
04/01/2015 To 06/30/2015

Date	Address	Cause	Action	Prevention	Rec. Waters	Ant. Gals	PS	BOD	TSS	pH
4/6/2015	110 Shady Lake Pkwy.	Pump Station # 302 was down - high wet well - the transformer was malfunctioning. The pump station mechanic corrected the problem. MH# 302-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	750	302	171	116	6.76
4/6/2015	9034 Weestlake Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 061 - manhole not on listed on the EBROSCO map-associated with Pump Station #61.	Recorded sewage discharge and dispatched wash truck to clean the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	300	61	186	178	6.74
4/9/2015	16111 Highland Park Dr.	Pump Station # 478 was down - high wet well - the pumps had to be primed. Station is back on line-fully operational. MH# 478-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	1,550	478	212	256	6.7
4/11/2015	19543 Arcadian Shores Ave.	Pump Station # 398 was down - high wet well - the low float was hung up. Pump station mechanic cleared travel area for the float to maneuver. MH# 398-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	350	398	136	436	6.81
4/11/2015	12836 Country Ridge Dr.	Pump Station # 148 was down - high wet well - there was a blockage in the number one pump-blockage was cleared by the pump station mechanic. MH# 148-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	450	148	136	436	6.81
4/12/2015	2952 Bocage Lakes Court	Manhole overflowing because sewerage system surcharging. MH# 119-00092.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	550	119	127	127	6.71
4/13/2015	Staring Lane @ Burbank Dr.	Manhole overflowing because sewerage system surcharging. MH# 061-00390.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	Bayou Fountain	2,550	61	160	238	6.75

**CITY OF BATON ROUGE PARISH OF EAST BATON ROUGE  
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SOUTH Sewer District Collection System LPDES LA0036412 A#4844 04/01/2015 To 06/30/2015										
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/13/2015	7547 Town South Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 057-00491.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Dawson Creek 21-2	300	57	144	160	6.7
4/18/2015	17541 Brookfield Ave.	Pump Station # 365 was down - high wet well - the low float was malfunctioning. Pump station mechanic replaced the low float. MH# 365-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	550	365	112	180	6.89
4/20/2015	4029 SouthPark Ave.	There was a stoppage in the city's main collection line that caused these manholes to overflow. MH# 058-04023;058-04025.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	500	98	163	144	6.73
4/20/2015	15612 Banyanwood Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 224-00018.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	250	224	160	248	6.89
4/22/2015	5666 Old Slegien Lane	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 251-00006.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	800	251	183	180	6.95
4/22/2015	4490 Woodlake Dr.	There was a six - inch forcemain rupture that caused the Air Release Valve to leak. A Field Report was initiated for documentation to create the work order for repair. ARV-211-1.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our forceman line until confidence builds to gain fully operational status.	None	400	211	178	302	6.61
4/27/2015	8070 Ned Ave.	Manhole overflowing because sewerage system surcharging. MH# 294-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	550	294	196	440	6.7

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SOUTH Sewer District Collection System LPDES LA0036412 A#4841 04/01/2015 To 08/30/2015										
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
4/27/2015	2175 Cedarcrest Ave.	Manhole overflowing because sewerage system surcharging. MH# 056-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	500	58	196	440	6.7
4/27/2015	2336 Gardere Lane	Manhole overflowing because sewerage system surcharging. MH# 161-05076.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	550	61	212	486	6.7
4/27/2015	14724 General Prentiss Dr.	Manhole overflowing because sewerage system surcharging. MH# 162-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	450	162	245	584	6.69
4/27/2015	764 Plantation Ridge Dr.	Manhole overflowing because sewerage system surcharging. MH# 161-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	550	161	245	584	6.69
4/27/2015	Tonya Dr.	Manhole overflowing because sewerage system surcharging. MH# 156-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	550	156	245	584	6.69
4/29/2015	8655 Round Oaks Dr.	Manhole overflowing because sewerage system surcharging, electrical leg was out at Pump Station #253. MH# 253-00003.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	700	253	352	1,008	6.52
4/29/2015	13743 Buckley Ave.	Manhole overflowing because sewerage system surcharging, power was was out at Pump Station #216. MH# 216-00008.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	700	216	352	1,008	6.52
4/30/2015	7035 Boone Dr.	Pump Station # 53 was down - high wet well - the pump station was turned off so contract work could be performed. MH# 053-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	Dawson Creek 21-2	750	53	151	160	6.65
5/5/2015	5055 Jones Creek Rd. PRIVATE	Pump Station at 6055 Jones Creek Rd. was down - high wet well - overload circuit breaker switch tripped. Pump Station has not been designated.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500				



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SOUTH Sewer District Collection System LPDES LA0036412 A#4841 04/01/2015 To 06/30/2015										
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
5/6/2015	1763 Boulevard de Provence	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 066-00196.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Lively Bayou	800	66	133	164	6.74
5/7/2015	8469 Governor Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 279-00022;00024.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	1,200	279	141	173	6.79
5/7/2015	3356 Grassy Lake Dr.	Pump Station # 427 was down - high wet well - pump station had a phase out, it was replaced on May 8 - now back on line. MH# 427-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	427	141	173	6.79
5/8/2015	17543 Beachwood Ave.	Pump Station # 396 was down - high wet well - number one pump overloaded on circuit breaker switch. MH# 396-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	2,500	396	148	332	6.44
5/11/2015	7222 Baringer Rd.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 170-00182.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Clay Cut Bayou	400	170	146	198	6.99
5/15/2015	8887 United Plaza Blvd.	A twenty-four inch aerial crossing line was leaking sewage wastewater into the canal. Initial notification of sewage was called in 15 May @ 14:15hrs to point of contact - Clindi. MH# 058-00204 to 058-00017.	Recorded sewage discharge, deodorized and disinfected site. Also sanitized and deodorized area down stream. Prepared scope of work for issue to contractor for repair.	The current twenty-four inch gravity feed crossing line will be replaced with a new line with direct tie-in to existing manhole.	Ward Creek	75,000	58	135	132	6.89
5/17/2015	19143 Pinnacle Ave.	Pump Station # 356 was down - high wet well - air compressor was malfunctioning. MH# 356-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	360	356	164	138	6.54

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SOUTH Sewer District Collection System LPDES LA0036412 A#4841 04/01/2015 To 08/30/2015										
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
5/18/2015	4723 South Maiden Dr.	Manhole overflowing because sewerage system surcharging. MH# 058-00208;00224.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will continue to monitor this manhole periodically until system resumes normal flow.	Ward Creek	2,000	58	126	175	6.67
5/18/2015	8637 Shariana Dr.	Manhole overflowing because sewerage system surcharging. MH# 058-08053.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will continue to monitor this manhole periodically until system resumes normal flow.	Ward Creek	1,000	58	126	175	6.67
5/19/2015	8680 East Cypress Court	Manhole overflowing because sewerage system surcharging. MH# 058-08023.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	1,400	58	126	175	6.67
5/19/2015	17312 North Lakeway Dr.	Manhole overflowing because sewerage system surcharging. MH# 343-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	450	343	178	222	6.54
5/20/2015	8888 Airline Hwy	There was a stoppage in the city's main collection line that caused the six inch clean-out to overflow. MH# 323-00011.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	70	323	109	100	7
5/22/2015	18000 Bayou Fountain Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 321-00005.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	700	321	154	176	6.7
5/23/2015	8084 Bayou Fountain Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 321-00013.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	500	321	105	93	6.65

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SOUTH Sewer District Collection System LPDES LA0036472 A#4841 04/01/2015 To 06/30/2015										
Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
5/28/2015	5911 Willow Glen Dr.	Pump Station # 395 was down - high wet well - the float was hung up. Vector truck vacuumed station down to the desired operating level. MH# 395-00001.	Recorded sewage discharge and dispatched vector truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Vector truck vacuumed the pump station down to operating level.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	300	395	100	136	6.9
5/28/2015	3177 Lake Forest Park Ave.	There was a stoppage in the service lateral that caused the six inch clean-out to overflow. MH# 155-00005.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line.	None	100	156	87	128	6.78
5/28/2015	15652 Natalbany Ave.	Pump Station # 315 was down - high wet well - there was an air leak in the system line. MH# 315-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	250	315	87	128	6.78
5/31/2015	1925 Peck Dr.	Pump Station # 12 was down - high wet well - power loss occurred based on situation in the area - power outage. MH# 12-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	450	12	106	840	6.23
6/1/2015	5055 Jones Creek Rd.	Pump Station at 5055 Jones Creek Rd. was down - high wet well - overload circuit breaker switch tripped. Pump Station has not been designated a number, identifiable by local address. MH#	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	UNK	146	107	6.5
6/2/2015	10448 Classique Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 058-02020.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Greese Away was added to assist in the flow.	None	300	58	223	75	6.98
6/2/2015	3 Rue Sorbonne	Pump Station # 401 - was down - high wet well - pump number two was malfunctioning, pump station mechanic replaced pump. MH# 006-04346; 044346A. The flow is to Pump Station 401.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	450	401	223	75	6.98

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SANITARY SEWER OVERFLOWS MONITORING REPORT**

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	PH
SOUTH Sewer District Collection System LPDES LA0036412 A#4841 04/01/2015 To 06/30/2015										
6/9/2015	1941 Peck Dr.	Manhole overflowing because sewerage system surcharging. MH# 012-00011;00035.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	750	12	222	444	6.51
6/9/2015	1925 Peck Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 012-00023.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	400	12	222	444	6.51
6/9/2015	1716 North Hanco Dr.	Manhole overflowing because sewerage system surcharging. MH# 021-00031.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	250	21	157	185	6.54
6/10/2015	11161 Paddock Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 328-00040.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	650	328	89	428	6.31
6/11/2015	8666 Round Oak Dr.	Pump Station # 263 - was down - high wet well - PLC tripped. MH# 253-00003.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	253	99	248	6.4
6/12/2015	17543 Beachwood Ave.	Pump Station # 396 - was down - high wet well - overload circuit breaker switch tripped. MH# 396-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic re-set the breaker.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	500	396	99	248	6.4
6/12/2015	7800 Office Park Blvd.	There was a stoppage in the home-owner's service lateral causing the six inch clean-out to overflow. MH# 335-00029.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	30	335	199	170	6.8
6/12/2015	17339 General Forrest Ave.	Pump Station # 339 - was down - high wet well - there was air in the system and rotameter was slow. Pump Station mechanic bled the air system and adjusted the rotameter. MH# 339-00005.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	450	339	144	152	6.65
6/13/2015	17541 Brookfield Ave.	Pump Station # 365 - was down - high wet well - there was a power surge. Pump station mechanic re-set the HOA. MH# 365-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	700	365	109	260	6.46

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SOUTH Sewer District Collection System LPDES LA0036412 AH#4841  
04/01/2015 To 06/30/2015

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
8/13/2015	17626 Macon Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 278-00049.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	500	278	109	260	6.46
8/15/2015	11552 Brunswick Ave.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 278-00028.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	500	278	103	224	6.3
8/17/2015	6636 Pecue Lane	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 147-00002.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Clay Cut Bayou	800	147	154	144	6.37
8/19/2015	3030 3 Oaks Ave.	There was a stoppage in the home-owner's service lateral causing the six inch clean-out to overflow. MH# 311-00022.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	Bayou Fountain	105	311	136	132	6.38
8/23/2015	9100 Pecan Tree Dr.	Pump Station # 74 - was down - high wet well - pump compressor switch tripped. Pump station mechanic re-set the switch. Station is operational. MH# 074-00003.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	Dawson Creek 21-2	600	74	176	324	6.54
8/25/2015	4490 Woodlake Dr.	Manhole overflowing because sewerage system surcharging. Pump Station # 316 was surcharging. MH# 316-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	400	316	89	692	6.54
8/25/2015	10616 Timberlake Dr.	Manhole overflowing because sewerage system surcharging. Pump Station # 301 was surcharging. MH# 301-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	600	301	34	128	6.54
8/25/2015	14867 Tiger Bend Rd.	Manhole overflowing because sewerage system surcharging. Pump Station # 274 was surcharging. MH# 274-00001.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	800	274	34	128	6.54

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SOUTH Sewer District Collection System LPDES LA0036412 A#4841  
04/01/2016 To 06/30/2016

Date	Address	Cause	Action	Prevention	Rec. Waters	Amt. Gals	PS	BOD	TSS	pH
6/26/2015	7324 Menlo Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 053-00284.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	300	53	52	122	6.26
6/26/2015	10606 Timberlake Ave.	Pump Station # 301 - was down - high wet well - air issues was the problem. Pump station mechanic corrected the deficiency. Station is fully operational. MH# 301-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	400	301	52	122	6.26
6/26/2015	8748 Bluebonnet Blvd.	Pump Station # 301 - was down - high wet well - air issues was the problem. Pump station mechanic corrected the deficiency. Station is fully operational. MH# 301-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	350	301	52	122	6.26
6/27/2015	1049 Hammond Manor Dr.	Pump Station # 315 - was down - high wet well - Entergy utility company had to come out to the site to restore power to the station. Station is fully operational. MH# 315-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	300	315	115	140	6.27
6/29/2015	10920 Cal Rd.	Pump Station # 36 - was down - high wet well - pump station loss power. Replaced with an auxiliary power unit - backup generator. Station is operational. MH# 36-00001.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Pump station mechanic corrected the problem. Pure X bleach was added to the receiving stream to aid in disinfecting.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	Clay Cut Bayou	800	36	612	120	6.54
6/29/2015	Antioch Rd. @ McNeil Ave.	Pump Station # 157 - was down - high wet well. Pump station mechanic replaced ARV. Station is fully operational. ARV- 157- 4.	Recorded sewage discharge and dispatched wash truck to clean the area. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water.	We will periodically monitor this station. Scheduled maintenance records will document operational status of the station.	None	1,200	157	148	184	6.39
6/30/2015	4101 Plaza Tower Dr.	There was a stoppage in the city's main collection line that caused the manhole to overflow. MH# 135-00006.	Recorded sewage discharge and dispatched wash truck to clear the stoppage. The site was deodorized with Beta Magic, a granular deodorizer and washed down with fresh water. Billy Goat was used to clear the stoppage and clean the collection line.	We will periodically monitor this section of our collection line. Grease Away was added to assist in the flow.	None	400	135	274	480	6.42
6/30/2015	1050 North Foster Dr.	Manhole overflowing because sewerage system surcharging. MH# 058-01640.	Implemented RMAP procedures.	We will continue to monitor this manhole periodically until system resumes normal flow.	None	1,200	58	128	246	6.54

**From:** Cynthia D. Thomas  
**Sent:** Friday, May 01, 2015 2:19 PM  
**To:** spoc@LA.GOV; whitten-hill.darlene@epa.gov; Bryan Harmon; Amy Schulze; Cheryl Berry; Dale Campau; 'Mary.David@LA.GOV'; Walter Brock; Justin Sharper; Mitch O'brien; Gregory Lewis  
**Cc:** Pat Smith; Barbara J. Ourso; Elma James; Cynthia D. Thomas  
**Subject:** OVERFLOW AT SOUTH TREATMENT PLANT LA0036412 AI#4841

South Treatment Plant LA0036412 AI# 4841  
2850 Gardere Lane  
Baton Rouge, LA 70812

**Beginning Date:** 05/01/2015  
**Beginning Time:** 0952 hours

**Ending Date:** 05/01/2015  
**Ending Time:** 0954 hours

We had an overflow at the South Treatment Plant which was due to a malfunction at the Preliminary Treatment Facility (PTF) which caused the pumps to switch to manual mode and lockout. An estimated 30,800 gallons of wastewater spilled onto plant grounds. Cherry D was used for disinfection during cleanup measures. The Sanitary Sewer Response Plan was followed during this incident. If necessary, an official written report will follow.

*Thanks,*  
*Cynthia Thomas*  
Assistant Wastewater Laboratory Supervisor  
City of Baton Rouge/Parish of East Baton Rouge  
2443 River Rd. Baton Rouge, LA 70802  
*Ph (225) 389-3240, ext. 339*  
*Fax (225) 389-3111*

**From:** Cynthia D. Thomas  
**Sent:** Wednesday, May 06, 2015 2:20 PM  
**To:** spoc@LA.GOV; whitten-hill.darlene@epa.gov; Bryan Harmon; Amy Schulze;  
Cheryl Berry; Dale Campau; 'Mary.David@LA.GOV'; Walter Brock; Justin  
Sharper; Mitch O'brien; Gregory Lewis  
**Cc:** Pat Smith; Barbara J. Ourso; Elma James  
**Subject:** OVERFLOW AT SOUTH TREATMENT PLANT LA0036412 AI#4841

South Treatment Plant LA0036412 AI# 4841  
2850 Gardere Lane  
Baton Rouge, LA 70812

**Beginning Date:** 05/05/2015  
**Beginning Time:** 1430 hours

**Ending Date:** 05/05/2015  
**Ending Time:** 1435 hours

We had a sludge overflow at the South Treatment Plant which was due to an operator bleeding air from the Return Secondary Sludge (RSS) pump which caused an overflow. An estimated 5 gallons of sludge overflowed onto plant grounds. Lime was used for disinfection during cleanup and the site was washed down. The spill did not leave the plant site. The Sanitary Sewer Response Plan was followed during this incident. If necessary, an official written report will follow.

*Thanks,*  
*Cynthia Thomas*  
Assistant Wastewater Laboratory Supervisor  
City of Baton Rouge/Parish of East Baton Rouge  
2443 River Rd. Baton Rouge, LA 70802  
*Ph (225) 389-3240, ext. 339*  
*Fax (225) 389-3111*





**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

**FILE COPY**  
**FILE COPY**

April 29, 2015

Department of Environmental Quality  
Office of Environmental Compliance  
Enforcement Division  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Attention: Permit Compliance Unit

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

Dear Sir/Madame:

We had a Partial Full Bypass at the Central Treatment Plant which began on April 27, 2015 at 2100 hours and ended April 28, 2015 at 0320 hours for a total duration of 6 hours and 20 minutes. During this time, an estimated 111,040,000 gallons of wastewater arrived at the plant. Of this amount, an estimated 94,890,000 gallons received full treatment and an estimated 16,150,000 gallons received no treatment.

This Partial Full Bypass was due to an electrical malfunction of the #1 barscreen which caused it not to operate properly. Also, there was a heavy local rainfall event in the area. The Sanitary Sewer Response Plan was followed during the incident.

Attached is a letter from Governor Bobby Jindal, which declared a state of Emergency on April 27, 2015 as a result of severe weather and flooding throughout Louisiana.

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

Sincerely yours,

Bryan Harmon, P.E.  
Interim Director of Public Works

BH/AS/pas

xc: Lea Anne Batson, Parish Attorney  
Amy Schulze, P.E., Chief of Wastewater Operations & Maintenance  
Cheryl Berry, P.E., Special Projects Engineer  
Charles O'Brien, Wastewater Laboratory Supervisor  
Clay Vanveckhoven, Acting Wastewater Treatment Plant Supervisor (CTP)

Attachment:



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

**FILE COPY**

April 29, 2015

Department of Environmental Quality  
Office of Environmental Compliance  
Enforcement Division  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036412 AI # 4841  
Overflow

Dear Sir/Madame:

We had an overflow at the South Treatment Plant which occurred on April 27, 2015, from 1840 hours to 2251 hours for a total duration of 4 hours and 11 minutes. During this time, an estimated 4,819,200 gallons of untreated wastewater overflowed onto plant grounds.

This overflow from the Preliminary Treatment Facility (PTF) was due to a power outage in the area. The local utility company (Entergy) restored power and normal operations resumed. The Sanitary Sewer Response Plan was followed during the incident.

Attached is a letter from Governor Bobby Jindal, which declared a state of Emergency on April 27, 2015 as a result of severe weather and flooding throughout Louisiana.

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

Sincerely yours,

Bryan Harmon  
Interim Director of Public Works

BH/AS/pas

cc: Lea Anne Batson, Parish Attorney  
Amy K. Schulze, P.E., Chief of Wastewater Operations and Maintenance  
Cheryl Berry, P.E., Special Projects Engineer  
Charles O'Brien, Wastewater Laboratory Supervisor  
Walter Brock, Wastewater Treatment Plant Supervisor (STP)

Attachment:



**Department of Public Works**

City of Baton Rouge  
Parish of East Baton Rouge

Post Office Box 1471  
Baton Rouge, Louisiana  
70821

May 21, 2015

**FILE COPY**

Department of Environmental Quality  
Office of Environmental Compliance  
Enforcement Division  
Post Office Box 4312  
Baton Rouge, Louisiana 70821-4312

Attention: Permit Compliance Unit

Re: LPDES Permit No. LA0036421 AI # 4842  
Overflow

Dear Sir/Madame:

We had an overflow at the Central Treatment Plant which occurred on May 19, 2015, from 1800 hours to 1825 hours for a total duration of 25 minutes. During this time, an estimated 312,500 gallons of primary treated wastewater overflowed onto plant grounds.

This overflow was due to a power outage. The local utility company (Entergy) restored power to the plant 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,

*BH* Bryan Harmon  
Interim Director of Public Works

BH/AS/pas

xc: Lea Anne Batson, Parish Attorney  
Amy K. Schulze, Chief of Wastewater Operations and Maintenance  
Cheryl Berry, PE, Special Projects Engineer  
Charles O'Brien, Wastewater Laboratory Supervisor  
Clay VanVanveckhoven, Acting Wastewater Treatment Plant Supervisor (CTP)

**DEPARTMENT OF ENVIRONMENTAL SERVICES**  
Wastewater Collection Division  
City of Baton Rouge and Parish of East Baton Rouge

345 Chippewa Street  
Baton Rouge, LA 70802

Amy K. Schulze, P.E.

July 22, 2015

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

Re: LPDES Permit No. LA0036421AI #4842  
Cedardale Avenue @ East Lakeshore Drive Overflow on June 30, 2015

Dear Ms. Hatch:

This correspondence is to provide written notification of a known, witnessed overflow that occurred on June 30, 2015 at the intersection of Cedardale Avenue and East Lakeshore Drive. While initial notification did not occur within 24 hours, this letter serves as our follow-up report.

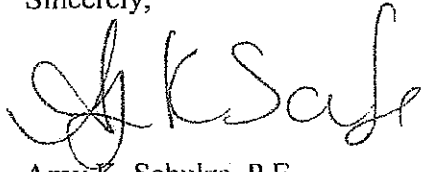
On June 30, 2015 around 4:45 pm, a citizen of Baton Rouge called our 311 call center to report a missing manhole cover at the above referenced location. Personnel within the Wastewater Collection Division were notified around 5:38 pm on June 30<sup>th</sup> of the missing manhole cover and overflow. Approximately 130,000 gallons of sewerage was discharged. The Overflow Report for this incident and a calculations and assumptions sheet is attached as well.

On July 13, 2015 from 9:55 am until 10:15 am, in response to the June 30<sup>th</sup> and July 5<sup>th</sup> overflows, personnel from the Wastewater Collection Division removed visible debris, washed the area with clean water, and deodorized the area with Beta Magic, a granular deodorizer. The Engineering Division also performed calculations to determine that the upstream pump stations could have their wet well levels and pump operating conditions modified to help reduce future overflows. In addition, several SSO Program projects are in varying stages of completion. These projects require completion to provide a long term reduction in overflows. These projects should be complete within the next 6 months.

The Department of Environmental Services will continue to monitor overflows in the Cedardale Avenue -- East Lakeshore Drive area. An SSO Response Plan specific to this area has been developed and will be in place until the aforementioned SSO Projects are complete and the system is functioning as designed. This plan is attached for your reference.

If you need any additional information or have any other questions, please feel free to contact me at 225-389-4858 or via email at [aschulze@brgov.com](mailto:aschulze@brgov.com).

Sincerely,

A handwritten signature in cursive script, appearing to read "AK Schulze".

Amy K. Schulze, P.E.  
Chief of Wastewater Operations & Maintenance

xc: Karen Khonsari, Environmental Services Director  
Monica Sprull, Asst. Public Works Director, Workforce Development  
Cheryl P. Berry, P.E., Special Projects Engineer  
Charles M. O'Brien, Wastewater Laboratory Supervisor  
Bob Abbott, Sr. Special Asst. Parish Attorney

**Part E:**  
**Consent Decree**  
**Compliance Status**

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

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

**Compliance Status**

1. The City/Parish was in compliance with the Central Treatment Plant LPDES Permit No. LA0036421 AI# 4842 during the reporting period.
2. The City/Parish was in compliance with the North Treatment Plant LPDES Permit No. LA0036439 AI# 4843 during the reporting period.
3. The City/Parish was in compliance with the South Treatment Plant LPDES Permit No. LA0036412 AI# 4841 during the reporting period.

The City/Parish  [is]  [is not] in full compliance with Consent Decree for the period 04/ 01 / 15 to 06/ 30 / 15. If not, see comments above.

## Attachment A

# Administrative Approval Request for Delays Outside of the Control of the City-Parish and their Agents

City of Baton Rouge and Parish of East Baton Rouge  
Consent Decree-Civil Action No. 01-978-B-M3  
July 31, 2015



# Administrative Approval Request for Delays Outside of the Control of the City-Parish and their Agents

## Executive Summary

As reported in the Quarterly Report for the Second Quarter, 2015, there continues to be significant progress made towards achieving Second Remedial Measures Action Plan (RMAP2) compliance. By the end of June, 2015, the City of Baton Rouge/Parish of East Baton Rouge (City/Parish) had sixty five (65) RMAP2 projects functionally completed (ahead of schedule), twenty-eight (28) projects under construction, and seventeen (17) projects under design. All of the Additional Projects agreed to in June, 2013 have been initiated with 3 functionally complete. All 31 projects in the 100% milestone are on track with 8 already let for construction. As of June 30, 2015, there have been 72 Consent Decree reporting deliverables submitted on or ahead of schedule.

To date, the City/Parish has committed \$1.371 Billion (2015 dollars, total) for projects completed and currently under design and construction, an amount which exceeds the original total Program estimate of \$1.346 Billion (2015 dollars) by \$25 million. Overall, the Program has added scope to enhance the sanitary sewer overflow reductions from many projects, and is currently anticipated to cost \$1.648 Billion to complete, a 22.2% cost increase from the original estimate for completion of the projects included in the July 2007 RMAP2 approval. (The original cost estimate was provided in the initial Program Delivery Plan dated January 2008, which provided the original RMAP2 project list and milestones.)

The City/Parish continues to actively move forward with the completion of the RMAP2 projects, as outlined in 2002 Consent Decree; 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); and the revised compliance schedule approved in the (June 2013) Revised Second Consent Decree Modification by DOJ, EPA, and LDEQ. Events beyond the control of the City/Parish have created substantial delays which, in some cases, are forcing functional completion of a few projects beyond the RMAP2 66% milestone date of June 30, 2015. Each of these projects are in the construction phase, and all are more than 89% complete, with completion of the RMAP2 66% milestone projects expected prior to the end of 2015 or 1<sup>st</sup> quarter 2016.

By submittal of this document, the City/Parish is requesting Administrative Approval for Delays of functional completion of these six RMAP2 66% milestone projects.

## 2015 Mississippi River Levels Force Majeure Event Meets Consent Decree Provisions

The Corps of Engineers issued the "2015 March High Water Notice" on March 17, 2015 which states that all subsurface work is restricted beginning with the Carrollton Gauge reaching +11.0 MSL. The River continues at high levels, and current projections don't have the level dropping below +11.0 at Carrollton until August 10, 2015. The SSO Program has a number of projects that are impacted by this force majeure event, and a Notification of Force Majeure Event was submitted on March 24, 2015. The EPA notified the City/Parish in a July 7, 2015 letter that this event meets the force majeure provisions in the Consent Decree, and that an additional submittal is required to address each project in detail. Two of the projects included in the March 24, 2015 Force Majeure Notification are also included in this 66% RMAP2 Administrative

Approval Requested. This submittal will be developed and submitted to the EPA subsequent to the end of the High Water event. The March 17, 2015 Corps of Engineers notice and the July 7, 2015 correspondence from EPA are attached to this request.

### Projects with Administrative Approval Requested

The following table is a summary of the projects for which Administrative Approval for delay is requested. The number of days requested begins on July 1, 2015, the day after completion of the RMAP2 66% milestone.

Project Name	Delay Request, Days	Status and Details
Zachary Area Transmission Network Improvements Project (ZATNIP) Phase 2	214	This project is currently suspended due to backwater flooding associated with the Mississippi River Flood Event. Assuming the River drops below 11.0 on the Carrollton Gage on August 10, assuming 2 months for soils to stabilize at the site, construction could resume in October. The delay request assumes that construction could be completed and the project verified for functional completion by January 31, 2016. Should the River rise again, this date would have to push out to recover the additional force majeure delay.
Plank Rd - Kleinpeter Rd Sewer Area Upgrades	214	Work that was impacted by the ZATNIP 2 project has been completed. Currently the contractor is experiencing labor availability issues, and schedule impacts are being monitored. The Program continues to mitigate these impacts when possible. Anticipated functional completion date is January 31, 2016.
Hooper Storage Facility	91	Mitigation of schedule impacts is continuing for this project. A functional completion date has been identified as September 30, 2015.
Highland Rd - Burbank Dr Sewer Area Upgrades	91	The final components of this project have been incorporated into another project currently underway. The delays are a result of the contractor abandoning the work and the City-Parish initiating default proceeding against this contractor. Those components necessary for functional completion are being closely monitored for schedule impacts. A completion date has been identified as September 30, 2015.
Pump Station 42 Improvements	152	Currently critical path work is unavailable due to the Corps of Engineers Order regarding the Mississippi River Flood levels and project specific permit conditions. This project is part of the Force Majeure

Project Name	Delay Request, Days	Status and Details
		notification submitted to EPA in March, 2015. An anticipated functional completion date of November 30, 2015 has been identified to allow soil consolidation post-flood prior to construction resuming. Should the River rise again, this date would have to push out to recover the additional force majeure delay.
Metro Airport (Group 1B) Pump Station and Force Main Improvements	122	Work that was impacted by the ZATNIP 2 project has been completed, and schedule impacts are being monitored. The Program continues to mitigate these impacts as possible. Anticipated functional completion date is October 31, 2015.

### Documentation of Continuing Progress

The Program recognizes that construction must continue toward functional completion at the earliest possible date for each of these projects. To that end, for each project, the Program will develop a monthly progress report which will status the project by percent of construction complete, construction days remaining, and identify any issues which could cause potential additional delays with a description of what is being done to mitigate the issue. When a project achieves functionally complete status, a notification will be made, and a final status report filed for the project.

### Administrative Approval Requested

By submittal of this document, the City/Parish is requesting Administrative Approval for delays of functional completion of these projects. We appreciate your time in reviewing this request. Please contact Karen M. Khonsari, East Baton Rouge Director of Environmental Services at (225) 389-3158, or Joshua Crowe, SSO Program Manager at (225) 381-3454 with any questions or information requests.

Sincerely,



Karen M. Khonsari  
 Director of Environmental Services  
 City of Baton Rouge/Parish of East Baton Rouge



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
NEW ORLEANS DISTRICT, CORPS OF ENGINEERS  
P.O. BOX 60267  
NEW ORLEANS, LOUISIANA 70160-0267

CEMVN-EM

17 March 2015

MEMORANDUM TO: Levee Authorities and Districts

SUBJECT: 2015 March High Water Notice

1. In accordance with the New Orleans District Flood Response Plan, we are providing the following notice.
2. Levee Authorities and Districts should gather an accurate list of businesses located outside of flood protection and keep on record. Please provide a copy to the New Orleans District EOC via email: [cemvn-eoc@usace.army.mil](mailto:cemvn-eoc@usace.army.mil) or fax at 504-865-7944.
3. Levee Authorities and Districts will ensure that all subsurface work, such as soil borings, groundwater monitoring wells, any type of drillings, pile driving, excavations, or foundation work and any other structures to be constructed across the levee and the adjacent batture within 1500 feet of the Mississippi River Levee centerline is restricted by the +11.0' Carrollton gage restriction, unless a waiver of that +11.0' restriction was granted in their permit up to +15.0'. None of these activities can take place when the river is above +15.0' at Carrollton.
4. Levee Authorities and Districts will ensure the removal of hay bales on L/S levee toes.
5. Levee Authorities and Districts will ensure that splash pads and road ditches are clean and clear of debris and detritus (to ensure free flow of water as designed).
6. Levee Authorities and Districts will ensure that all culverts in levee areas are cleaned, replaced, or removed.
7. Levee Authorities and Districts will ensure the removal and/or opening for the duration of the event of all gates and fences that hinder rapid movement over levee roads/crowns. Sector team and levee authority personnel must be provided unrestricted access to conduct patrolling. Begin coordination with local law enforcement entities as needed.
8. The point of contact for this memorandum is Dana Ray, 504-862-1491 or [Dana.R.Ray@usace.army.mil](mailto:Dana.R.Ray@usace.army.mil).

A handwritten signature in black ink, appearing to read "Michael J. Stack, Jr.", written over a light blue horizontal line.

Michael J. Stack, Jr. P.E.  
Chief, Emergency Management



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

RECEIVED

JUL 14 2015

JUL 07 2015

DIRECTOR, D.P.W.

CERTIFIED MAIL-RETURN RECEIPT REQUESTED: 7005 1820 0003 7458 6671

Robert H. Abbott III  
Sr. Special Asst. Parish Attorney  
222 St. Louis Street, Suite 902  
Baton Rouge, LA 70802

CERTIFIED MAIL-RETURN RECEIPT REQUESTED: 7099 3220 0001 4435 6984

Bryan Harmon  
Public Works Interim Director  
City of Baton Rouge  
Post Office Box 1471  
Baton Rouge, LA 70821

Re: City of Baton Rouge and East Baton Rouge Parish  
NPDES Numbers: LA0036412, LA0036421 and LA0036439  
Consent Decree - Civil Action No. 01-978-B-M3  
Notice of Force Majeure Event – 2015 Mississippi River Flood Event

Gentlemen:

The Environmental Protection Agency, Region 6 (EPA, Region 6), Enforcement Division and Office of Regional Counsel is in receipt of your March 24, 2015 notification of conformance with the Force Majeure provision included in Section XXII-Force Majeure of the March 15, 2002 Consent Decree with the City of Baton Rouge and East Baton Rouge Parish. After review of the submitted information and attached "2015 March High Water Notice," issued by the Corps of Engineers, and dated March 17, 2015, stating that all subsurface work is to be restricted as detailed in the Notice beginning with the Carrollton Gauge level reaching +11.0 MSL, EPA, Region 6 has determined that the terms of the Consent Decree Force Majeure provision have been met for the projects and dates specifically set forth in the City/Parish's submittal and limited to the restrictions set forth in the 2015 March High Water Notice.

The terms of the Consent Decree require that each notification of a force majeure event must be accompanied with a detailed listing of the particular projects affected and the delays anticipated for each individual project. A Notification of a Force Majeure event cannot be a blanket notification of project delays based upon an anticipated or actual event, but must specifically address each project delay in detail. The Notice must be of sufficient detail such that EPA Region 6 may review the notification to agree or disagree that such matters are related to the force majeure event causing the delay in construction. Such information submitted by the City/Parish must include enough detail for

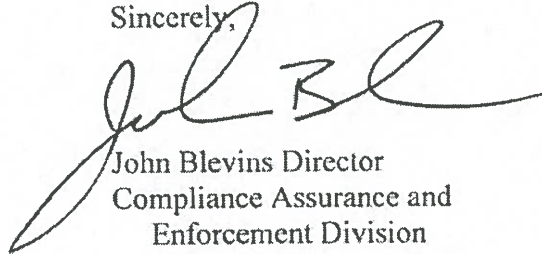
Re: Baton Rouge Force Majeure Response

2

EPA Region 6 to be able to determine and notify the City/Parish of the length of the extension, if any, for the performance of the obligations affected by the force majeure event.

We look forward to a continuing relationship with you and the City of Baton Rouge in protecting the environment. Please do not hesitate to call me or my staff with any questions or issues that you may wish to discuss in the future.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Blevins', written over the typed name and title.

John Blevins Director  
Compliance Assurance and  
Enforcement Division

cc: Ms. Celena Cage  
Administrator  
Enforcement Division  
Louisiana Department of  
Environmental Quality

Michael Donnellan  
U.S. Department of Justice  
950 Pennsylvania Avenue, NW  
Washington, DC 20530-0001